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PENNSYLVANIA VITAL STATISTICS
ANNUAL REPORT, 1984

DEPARTMENT OF HEALTH
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SECRETARY

STATE HEALTH DATA CENTER
HARRISBURG, PENNSYLVANIA

MARCH 14, 1986

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PENNSYLVANIA VITAL STATISTICS

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PREFACE
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This publication of 1984 Vital Statistics for Pennsylvania was prepared by the State Health Data Center, Pennsylvania Department of Health.

The 1984 report incorporates several changes from the 1983 edition.

Most of the changes made to this 1984 report were developed in accordance with recommendations made by staff and others who commented on the content of previous reports. We thank our users for any compliments and suggestions and encourage their contributions.

Among the changes made is the inclusion of state maps depicting five year (1980-1984) birth, death and infant death rates by county. Several new tables have been inserted, some modified, while only a few have been eliminated. For instance, data tables and graphs on major sites of cancer deaths by sex and on estimated population by age and sex have been added. Also, a new second table has been added to the Multiple Causes of Death Statistics section and, since Philadelphia is a city/county, figures for that municipality appear now both in the county tables and in the municipality tables, for the users' convenience.

The State Health Data Center welcomes comments and suggestions on the content and format of this report. The Data Center staff is available to answer questions regarding the report, including utilization and limitations of the data. Additional statistics not contained in this report are available upon request.

Please address all comments, questions, requests for data, etc. to:

State Health Data Center
Pennsylvania Department of Health
P.O. Box 90
Harrisburg, PA 17108

Population Statistics

1984 POPULATION STATISTICS

****
HIGHLIGHTS
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THE STATE

The 1984 estimates indicate that the Pennsylvania resident population was 11,900,701 -- an increase of just 36,806 persons (0.3 percent) from the 1980 U.S. Bureau of the Census enumerated figure of 11,863,895.

Pennsylvania's population has increased by almost 1.5 million from the 1950 census enumerated figure of 10,498,012. However, over half of that increase occurred between 1950 and 1960. From 1960 to 1970, the state's population increased by just under 500,000, but from 1970 to 1980 there was only an increase of approximately 70,000 persons. Pennsylvania's total population has remained relatively stable since 1970. Both the total female and male estimated populations remained stable between 1980 and 1984, each with increases of under 0.5 percent (0.2 for males and 0.4 for females). Population declines were concentrated in age groups 5-24 (8.2 percent) and 45-59 (8.4 percent). All other age groups increased from 1980 to 1984.

The profile of Pennsylvania's estimated 1984 population by age and sex visibly demonstrates the effects of several major factors - the low birth rates that have prevailed for the last ten years, the baby boom which followed World War II and lasted into the mid-1960's, the low birth rates of the 1930's and the large mortality differential between males and females in the later years of life.

HEALTH SERVICE AREAS

Four of the nine Health Service Areas (HSA's) had a declining population during the interval from 1980 to 1984. One was Northeast Pennsylvania which includes Scranton (1.0 percent decrease); another, Southwest Pennsylvania, which includes Pittsburgh (1.5 percent decrease). The third, Keystone, which includes Altoona and Johnstown had a 1.1 percent decline. A fourth, Northwest HSA, experienced a decline of only 241 residents or .03 percent. The highest population gains were in the Southcentral (3.3 percent), Eastern (2.4 percent) and NY-PENN (1.7 percent for Pennsylvania counties only) areas.

COUNTIES

Of the 67 counties, 42 were estimated to experience population gains and 25 had losses from 1980 to 1984, as compared to 57 and 10, respectively between 1970 and 1980. Over 64 percent of the population losses occurred in two counties, Allegheny and Philadelphia. Beaver, Blair, Cambria, Delaware, Lackawanna, Lawrence, Luzerne, Schuylkill and Westmoreland Counties accounted for most of the other decreases. Those with a growth rate of 5.0 or more included Pike (12.7), Monroe (11.2), Wayne (7.3), Bucks (6.1), Armstrong and Chester (5.7), Snyder (5.4), Perry (5.3), Lancaster (5.2) and Fulton (5.1).

CITIES AND BOROUGHS

Of the 27 municipalities listed in this report, only four showed an increase in population between 1980 and 1984 and the gains were modest -- Lancaster (2.9 percent), Lebanon (2.3 percent), Easton (0.3 percent), and Allentown (0.1 percent). Estimated population losses of 4.0 percent and above occurred in Sharon (10.8 percent), Johnstown and McKeesport (6.8 percent), Pittsburgh and Scranton (5.0 percent), New Castle, Hazleton and State College (4.5 percent), Wilkes-Barre (4.4 percent) and Altoona (4.3 percent).

Please note that since Philadelphia is a city/county, figures for that municipality appear now in both the county tables and in the municipality tables for the user's convenience.

NOTE:

This section contains 1980 figures as enumerated by the U.S. Bureau of the Census and 1984 estimates as prepared by the State Data Center, The Pennsylvania State University, Capitol Campus. Please see the Technical Notes in the back of this report for complete qualifications regarding these estimates.

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TABLE A-1
POPULATION IN PENNSYLVANIA, 1950-1984

YEAR	POPULATION*	YEAR	POPULATION*
1984	11,900,701		
1983	11,894,700	1966	11,637,900
1982	11,885,330	1965	11,535,200
1981	11,870,960	1964	11,459,000
1980	11,863,895	1963	11,424,000
1979	11,730,500	1962	11,376,000
1978	11,749,900	1961	11,468,000
1977	11,785,200	1960	11,319,366
1976	11,862,000	1959	11,323,000
1975	11,828,200	1958	11,101,000
1974	11,835,400	1957	11,166,000
1973	11,902,000	1956	11,132,000
1972	11,926,000	1955	11,132,000
1971	11,879,000	1954	10,895,800
1970	11,793,909	1953	10,829,100
1969	11,803,000	1952	10,733,700
1968	11,755,400	1951	10,594,900
1967	11,646,000	1950	10,498,012

*FINAL COUNTS FOR CENSUS YEARS AND ESTIMATES FOR ALL OTHER YEARS.

FIGURE A-1
POPULATION: PENNSYLVANIA, 1950-1984

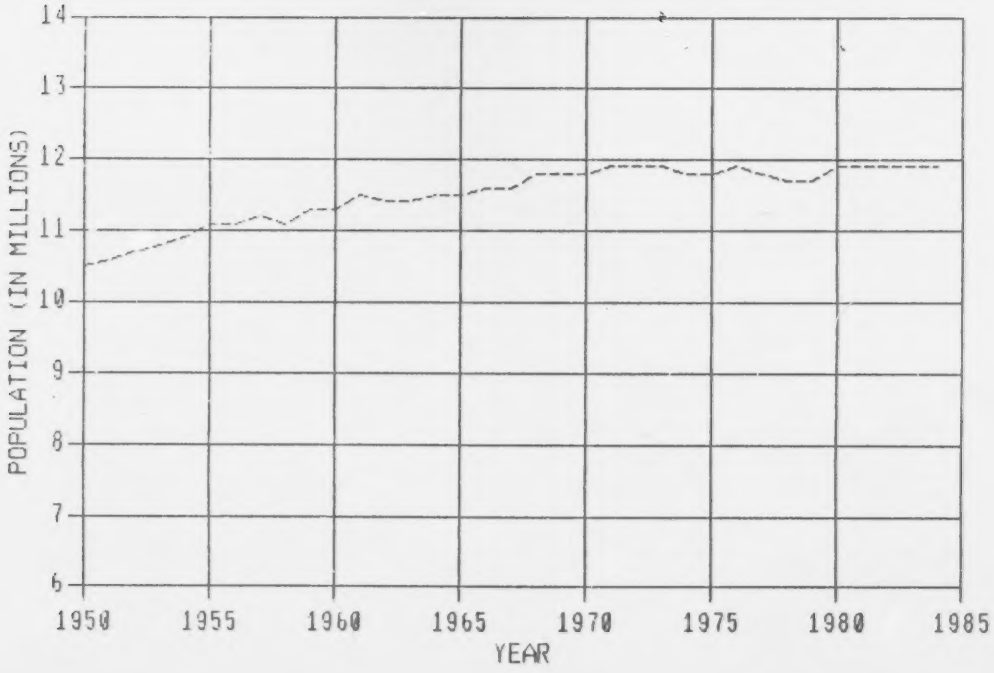

TABLE A-2
POPULATION BY AGE AND SEX: PENNSYLVANIA, 1980 AND 1984

AGE GROUP	BOTH SEXES		MALE		FEMALE	
	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL AGES	11,900,701	11,863,895	5,693,286	5,682,590	6,207,415	6,181,305
UNDER 1 YEAR	160,715	158,327	82,384	80,893	78,331	77,434
1-4	655,927	589,131	335,933	301,378	319,994	287,753
5-9	759,132	805,151	388,283	412,460	370,849	392,691
10-14	826,530	931,891	423,091	476,210	403,439	455,681
15-19	947,335	1,080,610	479,008	545,210	468,327	535,400
20-24	1,025,820	1,059,815	511,475	522,900	514,345	536,915
25-29	1,011,560	945,051	500,465	468,512	511,095	476,539
30-34	913,895	847,847	450,627	416,215	463,268	431,632
35-39	808,375	682,283	395,325	330,811	413,050	351,472
40-44	658,287	591,789	317,945	284,324	340,342	307,465
45-49	581,049	600,257	277,504	286,858	303,545	313,399
50-54	595,802	695,755	281,491	329,950	314,311	365,905
55-59	661,659	712,074	308,363	332,033	353,296	380,041
60-64	641,877	632,981	291,638	289,152	350,239	343,829
65-69	544,266	537,045	236,442	235,802	307,824	301,243
70-74	435,759	407,020	178,802	166,668	256,957	240,352
75 & OVER	672,713	586,868	234,510	203,314	438,203	383,554

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1984 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER, THE PENNSYLVANIA STATE UNIVERSITY, CAPITOL CAMPUS.

FIGURE A-2
POPULATION BY AGE AND SEX, PENNSYLVANIA, 1984

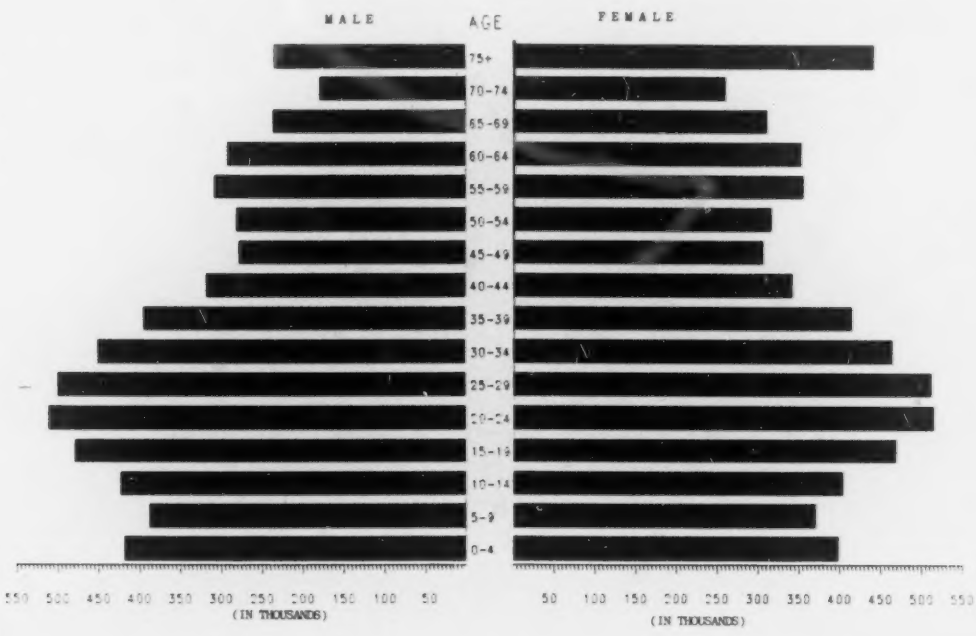

TABLE A-3
POPULATION BY HEALTH SERVICE AREA: PENNSYLVANIA, 1980 AND 1984

HEALTH SERVICE AREA	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL AREAS	11,900,701	11,863,895
HSA I SOUTHEAST PA	3,700,403	3,682,709
HSA II EASTERN PA	955,699	932,970
HSA III NORTHEAST PA	803,789	811,558
HSA IV S. CENTRAL PA	1,459,102	1,412,388
HSA V CENTRAL PA	758,800	754,574
HSA VI SOUTHWEST PA	2,845,797	2,888,898
HSA VII NORTHWEST PA	770,407	770,648
HSA VIII NY-PENN	109,000	107,144
HSA IX KEYSTONE	497,704	503,006

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1984 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER,
THE PENNSYLVANIA STATE UNIVERSITY, CAPITOL CAMPUS.

TABLE A-4
POPULATION BY COUNTY: PENNSYLVANIA, 1980 AND 1984

COUNTY	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	COUNTY	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALL COUNTIES	11,900,701	11,863,895			
ADAMS	69,003	68,292	JUNIATA	19,801	19,188
ALLEGHENY	1,409,798	1,450,085	LACKAWANNA	223,994	227,908
ARMSTRONG	82,201	77,768	LANCASTER	381,300	362,346
BEAVER	199,199	204,441	LAWRENCE	105,800	107,150
BEDFORD	48,098	46,784	LEBANON	111,302	108,582
BERKS	317,196	312,509	LEHIGH	276,500	272,349
BLAIR	134,402	136,621	LUZERNE	336,403	343,079
BRADFORD	64,003	62,919	LYCOMING	117,102	118,416
BUCKS	508,599	479,211	MCKEAN	49,202	50,635
BUTLER	151,299	147,912	MERCER	127,102	128,299
CAMBRIA	177,099	183,263	MIFFLIN	46,602	46,908
CAMERON	6,596	6,674	MONROE	77,199	69,409
CARBON	54,002	53,285	MONTGOMERY	659,004	643,621
CENTRE	114,500	112,760	MONTOUR	17,000	16,675
CHESTER	334,701	316,660	NORTHAMPTON	230,802	225,418
CLARION	43,095	43,362	NORTHUMBERLAND	100,205	100,381
CLEARFIELD	84,497	83,578	PERRY	37,600	35,718
CLINTON	39,101	38,971	PHILADELPHIA	1,646,702	1,688,210
COLUMBIA	61,799	61,967	PIKE	20,597	18,271
CRAWFORD	89,100	88,869	POTTER	18,399	17,726
CUMBERLAND	185,496	178,541	SCHUYLKILL	157,700	160,630
DAUPHIN	235,801	232,317	SNYDER	35,398	33,584
DELAWARE	551,397	555,007	SOMERSET	81,901	81,243
ELK	37,602	38,338	SULLIVAN	6,202	6,349
ERIE	282,099	279,780	SUSQUEHANNA	38,795	37,876
FAYETTE	159,201	159,417	TIOGA	40,302	40,973
FOREST	5,010	5,072	UNION	33,600	32,870
FRANKLIN	116,199	113,629	VENANGO	64,502	64,444
FULTON	13,503	12,842	WARREN	47,700	47,449
GREENE	41,199	40,476	WASHINGTON	217,201	217,074
HUNTINGDON	42,701	42,253	WAYNE	37,800	35,237
INDIANA	93,301	92,281	WESTMORELAND	386,598	392,294
JEFFERSON	48,893	48,303	WYOMING	27,295	26,433
			YORK	322,401	312,963

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1984 POPULATION ARE ESTIMATES PREPARED BY THE STATE DATA CENTER,
THE PENNSYLVANIA STATE UNIVERSITY, CAPITOL CAMPUS.

TABLE A-5
POPULATION BY SELECTED MUNICIPALITIES: PENNSYLVANIA, 1980 AND 1984

MUNICIPALITY	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION	MUNICIPALITY	1984 ESTIMATED POPULATION	1980 ENUMERATED POPULATION
ALLENTOWN	103,900	103,758	NEW CASTLE	32,100	33,621
ALTOONA	54,600	57,078	NORRISTOWN	34,400	34,684
BETHEL PARK	34,400	34,755	PHILADELPHIA	1,646,702	1,688,210
BETHLEHEM	70,000	70,419	PITTSBURGH	402,600	423,938
CHESTER	44,100	45,794	PLUM	25,300	25,390
EASTON	26,100	26,027	READING	78,400	78,686
ERIE	117,500	119,123	SCRANTON	83,700	88,117
HARRISBURG	52,100	53,264	SHARON	17,000	19,057
HAZLETON	26,100	27,318	STATE COLLEGE	34,500	36,130
JOHNSTOWN	33,100	35,496	WEST MIFFLIN	25,400	26,279
LANCASTER	56,300	54,725	WILKES-BARRE	49,300	51,551
LEBANON	26,300	25,711	WILLIAMSPORT	32,300	33,401
MCKEESPORT	28,900	31,012	YORK	44,400	44,619
MONROEVILLE	30,500	30,977			

SOURCE: 1980 POPULATION ENUMERATED BY THE U.S. BUREAU OF THE CENSUS.
1984 POPULATION ESTIMATES PREPARED BY THE STATE DATA CENTER, THE PENNSYLVANIA STATE UNIVERSITY, CAPITOL CAMPUS.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

Natality Statistics

1984 NATALITY STATISTICS

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HIGHLIGHTS
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THE STATE

There were 156,799 resident live births in 1984, a decrease of 0.6 percent from 1983. This represents the second consecutive year of a decrease in the number of births from a previous year. From 1979 to 1982, increases occurred. The 1984 live birth rate per 1,000 population was 13.2, the lowest rate recorded in Pennsylvania since 1978.

The 1984 general fertility rate of 57.9 live births per 1,000 females 15-44 years of age was the second lowest in the last 35 years, with the only lower rate occurring in 1976 (57.7).

The 1984 total fertility rate (TFR) was 1603.0. This rate estimates the number of children a cohort of 1,000 females would bear if they all went through their childbearing years exposed to age-specific birth rates in effect during that particular year. A TFR of 2,000 or above indicates that, on the average, couples have produced at least two children to replace themselves. (See the "Definitions of Rates" section of the Technical Notes in the back of this report for more discussion of total fertility rates). Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level.

In comparing Pennsylvania birth and fertility rates with the United States rates back to 1950, Pennsylvania's rates have always been consistently lower, even during the "babyboom" years of 1950-64.

Almost two-thirds of all live births in 1984 occurred to women aged 20-29. The number of live births to women under 25 years old has declined by 14.6 percent since 1980 and 36.8 percent since 1970. However, the number of births among women aged 25 and older increased by 10.7 percent from 1980 and 1.7 percent from 1970. Among the age group 25-29, there were about the same number of births in 1984 as in 1965. However, the 1984 age-specific birth rate of 104.3 for that age group is almost 37 percent less than the 1965 age-specific birth rate of 165.2.

In 1984, 51.3 percent of the live births were male and 48.7 percent were female. Eighty-six percent of the live births were white and 14 percent were all other races. The same distribution has occurred every year since 1980. Even though the total number of births decreased in 1984 from 1983, the number of infants of both racial categories (white and all other) increased from 1983 among mothers aged 25-39.

Of the mothers for whom trimester of first prenatal visit was known in 1984, 79.2 percent received care during the first trimester of pregnancy. Less than one percent received no prenatal care. Of all the teenage mothers, 54.0 percent received prenatal care in the first trimester compared to 82.5 percent of the mothers reported as 20 years old and over. Trimester of first prenatal visit was unknown in 8,141 (5.2 percent) of all resident live births.

In 1984, 6.7 percent of the resident live births were classified as low birth weight (under 2500 grams), the same figure as for 1983. Infants of teenage mothers (9.8 percent) and mothers 40 and over (8.8 percent) were more likely to be low birth weight in 1984 than infants born to mothers 20-39 (6.2 percent). Similarly, 13.4 percent of nonwhite births were under 2500 grams compared to 5.6 percent of white births. Female births were slightly more likely than male births to be low birth weight (7.2 percent for females, 6.2 percent for males).

In 1984, 42.7 percent of the live births were first-born children, compared to 37 percent in 1970. Less than 9 percent in 1984 were birth order four or above.

Almost 21 percent of the births in 1984 were to unmarried mothers compared to 1980 when 17.7 percent were unmarried, and only 9.8 percent in 1970. The percentage varied considerably among age groups in 1984 with 62.7 percent of teenage mothers unmarried compared to 15.4 percent of mothers 20 years of age and older. In 1970, 31.7 percent of the teenage mothers were unmarried and, by 1980, 51.2 percent.

In 1984, 17.2 percent of the mothers delivering live births had less than a twelfth grade education compared to 19 percent in 1980, while 16.9 percent had 16 or more years of education, an increase of almost 20 percent since 1980.

The attendant at birth was most often a physician - in 96.9 percent of the births. Only 2.8 percent of live births were attended by a midwife; however, the number of midwife-attended births has risen over 55 percent since 1980. Nearly 99 percent of resident live births were hospital deliveries.

Complications of pregnancy were reported for 24.6 percent of the live births compared to 23.6 in 1983 and 21.1 in 1982. For teenage mothers and mothers 35-44, the percentages tended to be higher than for mothers 20-34 years of age. Complications of labor or delivery were reported in 17.9 percent of the live births with an age distribution similar to complications of pregnancy.

Spontaneous vaginal deliveries accounted for two-thirds of all resident live births. The proportion of deliveries involving forceps dropped to 9.8 percent, a 37.6 percent decrease from the 1980 figure; during the same period, the proportion of Caesarean sections increased to 19.9, a rise of 27.6 percent.

The percentage of white births with Apgar scores of 0-5 at one minute was 4.6 compared to 8.4 percent for births of all other races. At five minutes, 90 percent of white births and 83.9 percent of all other births had an Apgar score of 9-10. Differences between males and females were very slight with males tending to have somewhat lower scores than females.

HEALTH SERVICE AREAS

Among the nine Health Service Areas, the birth rate per 1,000 population varied from 11.5 in Northeast Pennsylvania to 14.4 in the Southeast area. The percentage of white births ranged from approximately 71 percent in Southeast Pennsylvania to almost 100 percent in the NY-PENN area.

The percentage of teenage mothers was highest in the Central (14.2) and Keystone areas (14.0) and lowest in Southwest Pennsylvania (10.1).

The percentage of low birth weight (under 2500 grams) live births was highest in Southeast Pennsylvania (7.8) and lowest in the NY-PENN area (5.3).

Southcentral Pennsylvania had the highest percentage of mothers with less than 12 years of education (22.0), while the lowest occurred in Southwestern Pennsylvania (13.1). Over 19 percent of the mothers in Southeast Pennsylvania had 16 years or more education compared to 10 percent in the Keystone area.

Southeast Pennsylvania had by far the highest percentage of unmarried mothers (29.2) - almost 11 percentage points higher than the next highest area - Eastern Pennsylvania with 18.3 percent. Central and Northeastern areas were the lowest with 14.1 and 14.6, respectively.

Of the mothers for whom trimester of first prenatal visit was known, over 82 percent in the Northeast area received prenatal care in the first trimester compared to 71.8 percent in the NY-PENN area.

COUNTIES

Six counties accounted for over 84 percent of the births to races other than white: Allegheny, Chester, Dauphin, Delaware, Montgomery and Philadelphia. There were no births to races other than white in a rural northern county, Sullivan. Philadelphia, since 1981, has been the only county with at least 50 percent other than white births.

The northern tier counties had higher five-year summary birth rates for 1980-1984 while the southwestern and northeastern counties tended to have lower rates for the same period.

Cameron and Fulton Counties had the highest percentages of teenage mothers, 20.4 and 19.4, respectively. Philadelphia was third highest with 17.9 percent followed by Clinton and Greene Counties at 17.7 each. Montgomery County had the lowest percentage (5.5). Pike County was not far behind at 6.2 percent.

Almost one-fourth of all the low birth weight infants in Pennsylvania were born to Philadelphia residents. The percentage for Philadelphia was 10.3 - down from 10.6 in 1983. Next highest was Wyoming County at 8.7 percent. Somerset County had the highest percentage of very low birth weight (under 1500 grams) infants with 2.3 percent followed closely by Wyoming and Philadelphia Counties at 2.2 percent and 2.1 percent, respectively.

In three counties, the percentage of births that were birth order five or above was 7.5 or higher. These counties were Mifflin (8.6 percent), Lancaster (8.4 percent) and Snyder (7.5 percent). Mifflin's percentage was over 163 percent higher than the state percentage of 3.3. Almost half (49.1 percent) of the infants born to Centre County residents were first-borns.

Lancaster County had the highest percentage of mothers with an eighth grade education or less - 16.5. Snyder had 15.4 percent, Mifflin, 13.4 percent, and Union, 12.5 percent. The state percentage was 2.7. Montgomery and Centre Counties led in highest percentages with 16 or more years of education, 32.3 and 30.0, respectively.

Over 46 percent of the births in Philadelphia were to unmarried mothers. The next highest county was Dauphin with almost 28 percent. In five counties, less than 10 percent of the mothers were unmarried - Snyder (7.1 percent), Pike (8.4 percent), Montour (9.1 percent), Indiana (9.5 percent) and Butler (9.8 percent).

Lancaster County, which had only 3.8 percent of Pennsylvania's live births, accounted for almost 30 percent of all live births delivered outside of a hospital. In three counties - Clinton, Juniata and Mifflin - approximately 27 percent of all live births were delivered by a midwife.

CITIES AND BOROUGHS

Of the 27 municipalities examined, Chester had the highest birth rate with 20.4 per 1,000 population. Harrisburg was second at 19.5. Lancaster and Norristown tied for third at 19.0. State College had by far the lowest birth rate - 4.8.

In three municipalities, less than half of the total births were white. In Chester, other than white births accounted for 68.5 percent of all births compared to 71.1 percent in 1983. In Harrisburg, 58.3 percent of the births were of races other than white. Philadelphia was nearly evenly divided with 12,484 white births and 12,495 births other than white.

Over 20 percent of the births in Chester, Harrisburg, York, Reading and Lancaster were to teenage mothers.

Philadelphia had the highest proportion of low birth weight infants (under 2500 grams) - 10.3 percent. The next highest cities were Chester with 9.8 percent and McKeesport at 9.5 percent. In comparison, the state figure was 6.7 percent. New Castle had the highest percentage of very low birth weight (under 1500 grams) infants at 3.0.

Chester had the highest percentage of births to unmarried mothers - 63.3, followed by Harrisburg (56.8 percent), Philadelphia (46.8 percent), York (46.4 percent) and Lancaster (43.1 percent).

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TABLE B-1
RESIDENT LIVE BIRTHS: PENNSYLVANIA, 1915-1984

YEAR	NUMBER	YEAR	NUMBER	YEAR	NUMBER
1984	156,799	1959	246,615	1934	160,238
1983	157,810	1958	249,810	1933	157,046
1982	161,561	1957	254,997	1932	168,534
1981	160,179	1956	248,019	1931	178,714
1980	158,670	1955	242,591	1930	189,458
1979	157,533	1954	245,521	1929	189,524
1978	151,438	1953	239,206	1928	200,769
1977	153,415	1952	239,964	1927	210,001
1976	148,004	1951	235,074	1926	207,696
1975	148,942	1950	221,635	1925	215,120
1974	151,458	1949	224,581	1924	223,103
1973	153,272	1948	227,227	1923	217,235
1972	163,110	1947	248,513	1922	214,348
1971	180,939	1946	218,376	1921	229,452
1970	192,154	1945	173,799	1920	220,462
1969	185,046	1944	178,370	1919	207,685
1968	185,729	1943	199,366	1918	220,170
1967	188,706	1942	197,177	1917	222,505
1966	195,869	1941	174,193	1916	217,449
1965	204,105	1940	165,456	1915	217,979
1964	218,515	1939	160,774		
1963	221,537	1938	165,708		
1962	226,393	1937	161,133		
1961	240,172	1936	159,393		
1960	241,099	1935	161,166		

NOTE: DATA PRIOR TO 1937 ARE BY PLACE OF OCCURRENCE. ALL OTHER DATA ARE BY PLACE OF RESIDENCE.

TABLE B-2
RESIDENT LIVE BIRTH RATE, GENERAL FERTILITY RATE AND TOTAL FERTILITY RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1984

YEAR	LIVE BIRTH RATE*		GENERAL FERTILITY RATE*		TOTAL FERTILITY RATE*	
	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES	PENNSYLVANIA	UNITED STATES
1984	13.2	15.7**	57.9	66.0**	1603.0	1820.0**
1983	13.3	15.5	59.2	65.4	1633.0	1802.5
1982	13.6	15.9	60.6	67.3	1667.5	1838.5
1981	13.5	15.8	60.7	67.4	1654.5	1815.0
1980	13.4	15.9	60.1	68.4	1633.5	1839.5
1979	13.4	15.9	60.4	68.5	1672.0	1856.4
1978	12.9	15.3	58.7	66.6	1617.0	1800.2
1977	13.0	15.4	59.8	67.8	1620.5	1826.3
1976	12.5	14.8	57.7	65.8	1569.5	1768.2
1975	12.6	14.8	58.7	66.7	1600.5	1799.0
1974	12.8	14.9	60.5	68.4	1673.5	1856.6
1973	12.9	14.9	61.7	69.2	1734.5	1895.6
1972	13.7	15.6	66.3	73.4	1892.5	2021.9
1971	15.1	17.2	75.4	81.8	2188.5	2274.6
1970	16.3	18.4	80.6	87.9	2378.5	2480.0
1969	15.7	17.9	76.6	86.1	2245.0	2455.5
1968	15.8	17.6	77.6	85.2	2319.5	2464.2
1967	16.2	17.8	80.0	87.2	2444.5	2557.7
1966	16.8	18.4	83.4	90.8	2593.5	2721.4
1965	17.7	19.4	87.6	96.3	2754.5	2912.6
1964	19.1	21.1	94.8	104.7	3002.0	3190.5
1963	19.4	21.7	96.2	108.3	3072.5	3318.8
1962	19.9	22.4	98.8	112.0	3222.0	3461.3
1961	20.9	23.3	104.1	117.1	3390.5	3620.3
1960	21.3	23.7	104.5	118.0	3354.5	3653.6
1959	21.8	24.2	104.3	119.9	3358.5	3712.4
1958	22.5	24.5	106.8	120.0	3315.5	3700.5
1957	22.8	25.3	107.7	122.7	3316.5	3767.0
1956	22.3	25.2	103.6	121.0	3169.5	3689.0
1955	21.8	25.0	100.1	118.3	3020.0	3573.7
1954	22.5	25.3	101.9	117.9	3042.0	3542.6
1953	22.1	25.1	98.9	115.0	2912.0	3424.1
1952	22.4	25.1	98.4	113.8	2873.5	3358.4
1951	22.2	24.9	96.5	111.4	2799.5	3269.3
1950	21.1	24.1	90.6	106.2	2610.0	3090.5

* LIVE BIRTH RATES PER 1,000 POPULATION.

GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).

TOTAL FERTILITY RATE: THE SUM OF THE AGE-SPECIFIC BIRTH RATES OF WOMEN IN FIVE YEAR AGE GROUPS MULTIPLIED BY FIVE. THIS RATE ESTIMATES THE NUMBER OF CHILDREN A COHORT OF 1,000 WOMEN WOULD BEAR IF THEY ALL WENT THROUGH THEIR CHILDBEARING YEARS EXPOSED TO THE AGE SPECIFIC BIRTH RATES IN EFFECT AT A PARTICULAR TIME.

** PROVISIONAL DATA.

FIGURE B-1
LIVE BIRTH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

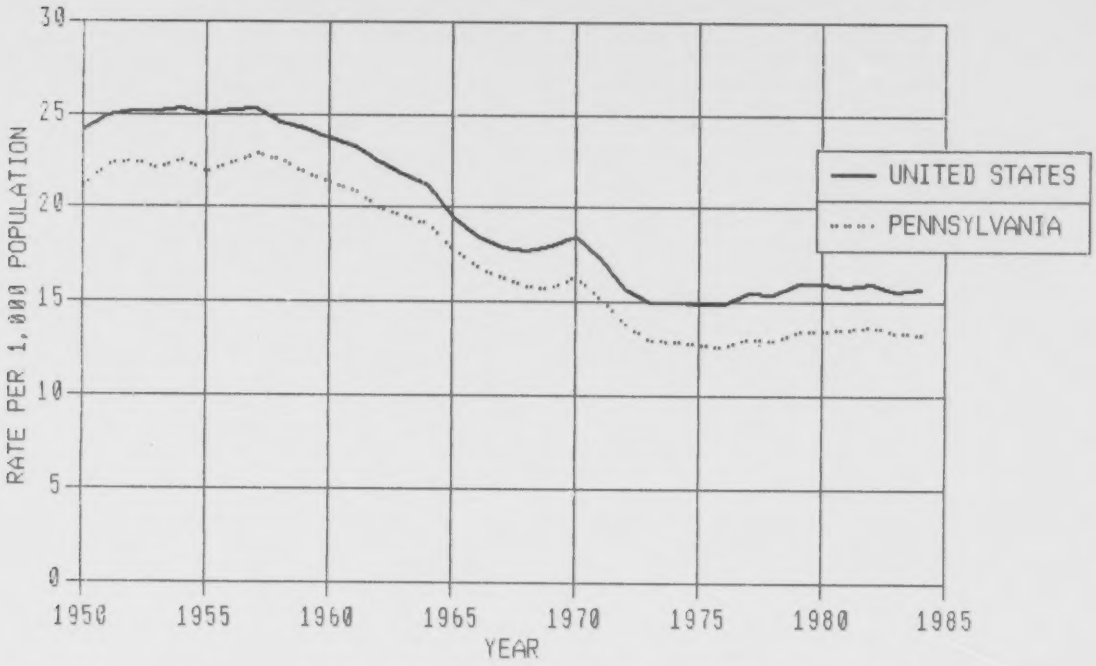


FIGURE B-2
GENERAL FERTILITY RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

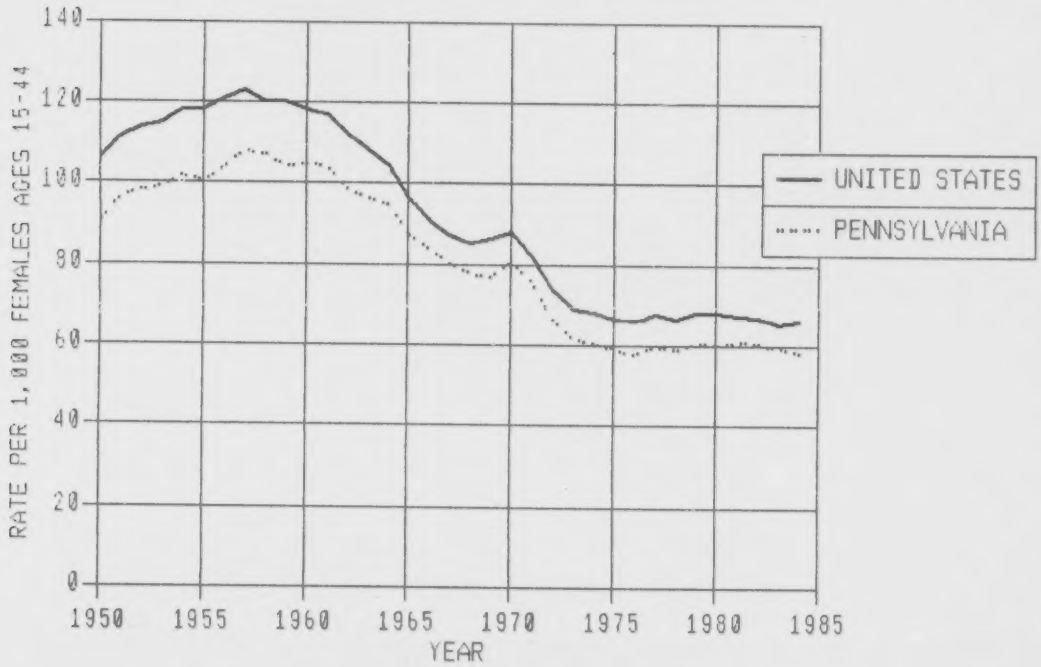


TABLE B-3
RESIDENT LIVE BIRTHS BY AGE OF MOTHER,
NUMBER AND RATE: PENNSYLVANIA, 1984, 1980, 1975, 1970, 1965

AGE OF MOTHER	1984		1980		1975		1970		1965	
	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE	NUMBER	RATE
ALL AGES*	156,799	45.9	158,670	46.6	148,942	43.3	192,154	57.1	204,105	62.7
UNDER 15**	352	0.9	324	0.7	412	0.8	443	0.8	317	0.6
15-19	17,923	38.3	21,683	40.5	24,701	43.6	28,592	53.2	26,308	54.4
20-24***	45,228	87.9	52,371	97.5	50,414	95.0	71,365	156.1	69,644	173.9
25-29	53,332	104.3	52,077	109.3	47,304	104.8	54,250	149.6	52,983	165.2
30-34	30,674	66.2	25,306	58.6	18,881	52.8	23,913	75.7	31,964	98.3
35-39	8,197	19.8	5,958	17.0	5,815	18.7	10,526	32.3	17,741	46.0
40-44	1,057	3.1	898	2.9	1,334	4.2	2,878	7.5	4,884	11.8
45 & OVER****	36	0.1	53	0.2	81	0.2	187	0.5	264	0.7

* RATE PER 1,000 FEMALE POPULATION AGES 10-49 YEARS.
** RATE PER 1,000 FEMALE POPULATION AGES 10-14 YEARS.
*** BIRTHS WITH UNKNOWN MOTHER'S AGE ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.
****RATE PER 1,000 FEMALE POPULATION AGES 45-49 YEARS.

FIGURE B-3
BIRTH RATES BY AGE OF MOTHER, PENNSYLVANIA, 1984

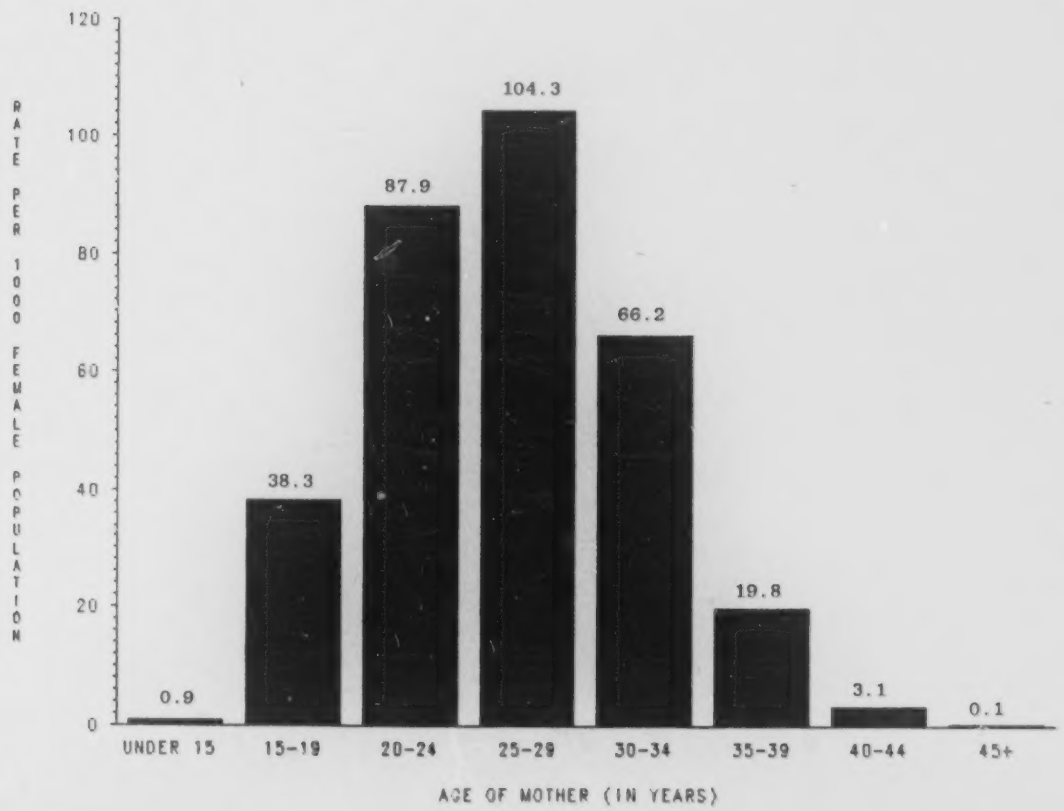


TABLE B-4
RESIDENT LIVE BIRTHS BY AGE OF MOTHER, SEX AND RACE OF CHILD
PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	WHITE			ALL OTHER		
		TOTAL	MALE*	FEMALE	TOTAL	MALE*	FEMALE
ALL AGES	156,799	134,372	69,018	65,354	22,427	11,412	11,013
UNDER 15	352	136	66	70	216	99	117
15-19	17,923	13,042	6,582	6,460	4,881	2,485	2,396
20-24	45,193	37,812	19,463	18,349	7,381	3,762	3,619
25-29	53,332	47,418	24,374	23,044	5,914	3,046	2,868
30-34	30,674	27,696	14,200	13,496	2,978	1,480	1,498
35-39	8,197	7,285	3,814	3,471	912	462	450
40-44	1,057	929	486	443	128	68	60
45 AND OVER	36	32	23	9	4	4	0
UNKNOWN	35	22	10	12	13	6	7

*UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-5
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TRIMESTER OF 1ST PRENATAL VISIT
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	156,799	117,806	75.1	24,773	15.8	4,917	3.1	8,141	5.2	1,162	0.7
UNDER 15	352	106	30.1	147	41.8	65	18.5	24	6.8	10	2.8
15-19	17,923	9,126	50.9	6,001	33.5	1,307	7.3	1,167	6.5	322	1.8
20-24	45,193	31,848	70.5	8,681	19.2	1,740	3.9	2,495	5.5	429	0.9
25-29	53,332	43,726	82.0	5,887	11.0	1,004	1.9	2,500	4.7	215	0.4
30-34	30,674	25,721	83.9	2,840	9.3	529	1.7	1,465	4.8	119	0.4
35-39	8,197	6,549	79.9	976	11.9	206	2.5	415	5.1	51	0.6
40-44	1,057	692	65.5	223	21.1	60	5.7	69	6.5	13	1.2
45 AND OVER	36	20	55.6	10	27.8	5	13.9	1	2.8	0	-
UNKNOWN	35	18	51.4	8	22.9	1	2.9	5	14.3	3	8.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-6
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT, SEX AND RACE OF CHILD
NUMBER AND PERCENT: PENNSYLVANIA, 1984

BIRTH WEIGHT (IN GRAMS)	TOTAL BIRTHS	WHITE						ALL OTHER					
		TOTAL		MALE		FEMALE		TOTAL		MALE		FEMALE	
		NUMBER	PERCENT*	NUMBER	PERCENT*	NUMBER	PERCENT*	NUMBER	PERCENT*	NUMBER	PERCENT*	NUMBER	PERCENT*
TOTAL	156,799	134,372	100.0	69,018	100.0	65,354	100.0	22,427	100.0	11,412	100.0	11,015	100.0
0-1499	1,939	1,257	0.9	671	1.0	586	0.9	682	3.1	343	3.0	339	3.1
1500-2499	8,522	6,205	4.6	2,898	4.2	3,307	5.1	2,317	10.3	1,086	9.5	1,231	11.2
2500-3499	81,599	67,646	50.4	31,170	45.1	36,476	55.8	13,953	62.2	6,687	58.6	7,266	66.0
3500-4499	61,637	56,341	41.9	32,263	46.7	24,078	36.8	5,296	23.6	3,175	27.8	2,121	19.2
4500 & OVER	3,022	2,857	2.1	1,978	2.9	879	1.3	165	0.7	115	1.0	50	0.4
UNKNOWN	80	66	0.1	38	0.1	28	0.1	14	0.1	6	0.1	8	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH CATEGORY.

NOTE: UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-7
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND BIRTH WEIGHT
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	156,799	1,939	1.2	8,522	5.4	81,599	52.0	61,637	39.3	3,022	1.9	80	0.1
UNDER 15	352	10	2.8	41	11.6	218	61.9	80	22.7	3	0.9	0	-
15-19	17,923	360	2.0	1,385	7.7	10,669	59.5	5,337	29.8	165	0.9	7	0.0
20-24	45,193	546	1.2	2,565	5.7	24,794	54.9	16,543	36.6	717	1.6	28	0.1
25-29	53,332	563	1.1	2,465	4.6	27,061	50.7	22,146	41.5	1,074	2.0	23	0.0
30-34	30,674	335	1.1	1,510	4.9	14,580	47.5	13,449	43.8	785	2.6	15	0.0
35-39	8,197	111	1.4	470	5.7	3,773	46.0	3,598	43.9	239	2.9	6	0.1
40-44	1,057	13	1.2	78	7.4	475	44.9	456	43.1	35	3.3	0	-
45 AND OVER	36	0	-	5	13.9	14	38.9	14	38.9	3	8.3	0	-
UNKNOWN	35	1	2.9	3	8.6	15	42.9	14	40.0	1	2.9	1	2.9

PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-8
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS PREGNANCIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	156,799	55,149	35.2	49,756	31.7	27,983	17.8	12,907	8.2	10,446	6.7	558	0.4
UNDER 15	352	332	94.3	18	5.1	1	0.3	1	0.3	0	-	0	-
15-19	17,923	12,749	71.1	3,958	22.1	932	5.2	210	1.2	49	0.3	25	0.1
20-24	45,193	18,971	42.0	15,481	34.3	6,822	15.1	2,521	5.6	1,293	2.9	105	0.2
25-29	53,332	16,089	30.2	18,353	34.4	10,694	20.1	4,756	8.9	3,246	6.1	194	0.4
30-34	30,674	5,872	19.1	9,870	32.2	7,402	24.1	3,882	12.7	3,477	11.3	171	0.6
35-39	8,197	1,027	12.5	1,927	23.5	1,945	23.7	1,358	16.6	1,895	23.1	45	0.5
40-44	1,057	98	9.3	142	13.4	177	16.7	172	16.3	457	43.2	11	1.0
45 AND OVER	36	1	2.8	1	2.8	3	8.3	4	11.1	26	72.2	1	2.8
UNKNOWN	35	10	28.6	6	17.1	7	20.0	3	8.6	3	8.6	6	17.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-9
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND NUMBER OF PREVIOUS LIVE BIRTHS
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	156,799	66,954	42.7	53,035	33.8	23,433	14.9	8,098	5.2	5,119	3.3	160	0.1
UNDER 15	352	342	97.2	8	2.3	1	0.3	1	0.3	0	-	0	-
15-19	17,923	14,293	79.7	3,056	17.1	489	2.7	64	0.4	9	0.1	12	0.1
20-24	45,193	23,047	51.0	15,665	34.7	4,872	10.8	1,182	2.6	380	0.8	47	0.1
25-29	53,332	20,022	37.5	20,104	37.7	9,008	16.9	2,874	5.4	1,286	2.4	38	0.1
30-34	30,674	7,678	25.0	11,591	37.8	6,912	22.5	2,647	8.6	1,800	5.9	46	0.1
35-39	8,197	1,409	17.2	2,428	29.6	1,948	23.8	1,158	14.1	1,246	15.2	8	0.1
40-44	1,057	148	14.0	171	16.2	191	18.1	168	15.9	375	35.5	4	0.4
45 AND OVER	36	1	2.8	4	11.1	6	16.7	3	8.3	21	58.3	1	2.8
UNKNOWN	35	14	40.0	8	22.9	6	17.1	1	2.9	2	5.7	4	11.4

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-10
RESIDENT LIVE BIRTHS BY AGE AND MARITAL STATUS OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	MARITAL STATUS					
		MARRIED		UNMARRIED		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	156,799	122,868	78.4	32,735	20.9	1,196	0.8
UNDER 15	352	17	4.8	335	95.2	0	-
15-19	17,923	6,715	37.5	11,129	62.1	79	0.4
20-24	45,193	32,761	72.5	12,104	26.8	328	0.7
25-29	53,332	46,954	88.0	5,911	11.1	467	0.9
30-34	30,674	28,046	91.4	2,400	7.8	228	0.7
35-39	8,197	7,413	90.4	711	8.7	73	0.9
40-44	1,057	916	86.7	130	12.3	11	1.0
45 AND OVER	36	31	86.1	4	11.1	1	2.8
UNKNOWN	35	15	42.9	11	31.4	9	25.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-11
RESIDENT LIVE BIRTHS BY AGE AND EDUCATION OF MOTHER
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	156,799	4,175	2.7	22,814	14.5	76,847	49.0	25,475	16.2	26,458	16.9	1,030	0.7
UNDER 15	352	228	64.8	110	31.3	2	0.6	0	-	0	-	12	3.4
15-19	17,923	863	4.8	9,116	50.9	7,117	39.7	608	3.4	13	0.1	206	1.1
20-24	45,193	1,166	2.6	8,025	17.8	27,135	60.0	6,702	14.8	1,868	4.1	297	0.7
25-29	53,332	893	1.7	3,662	6.9	27,174	51.0	10,708	20.1	10,638	19.9	257	0.5
30-34	30,674	611	2.0	1,289	4.2	11,866	38.7	5,893	19.2	10,841	35.3	174	0.6
35-39	8,197	310	3.8	469	5.7	3,094	37.7	1,406	17.2	2,863	34.9	55	0.7
40-44	1,057	98	9.3	135	12.8	437	41.3	145	13.7	230	21.8	12	1.1
45 AND OVER	36	3	8.3	6	16.7	16	44.4	6	16.7	4	11.1	1	2.8
UNKNOWN	35	3	8.6	2	5.7	6	17.1	7	20.0	1	2.9	16	45.7

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

TABLE B-12
RESIDENT LIVE BIRTHS BY AGE OF MOTHER,
PLACE OF DELIVERY AND ATTENDANT AT BIRTH
PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL AGES	156,799	151,067	3,258	51	138	848	1,150	238	49
UNDER 15	352	335	15	0	0	1	1	0	0
15-19	17,923	17,146	670	3	30	37	22	14	1
20-24	45,193	43,427	1,108	19	49	234	284	60	12
25-29	53,332	51,710	820	15	35	266	392	79	15
30-34	30,674	29,568	490	10	15	197	323	58	13
35-39	8,197	7,822	140	4	7	93	105	18	8
40-44	1,057	994	15	0	2	17	21	8	0
45 AND OVER	36	35	0	0	0	1	0	0	0
UNKNOWN	35	30	0	0	0	2	2	1	0

TABLE B-13
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND TYPE OF MEDICAL CONDITION
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AGES	156,799	38,555	24.6	6,110	3.9	27,992	17.9	641	0.4	1,311	0.8
UNDER 15	352	112	31.8	11	3.1	73	20.7	2	0.6	4	1.1
15-19	17,923	4,710	26.3	656	3.7	3,399	19.0	110	0.6	165	0.9
20-24	45,193	10,685	23.6	1,650	3.7	8,176	18.1	194	0.4	402	0.9
25-29	53,332	12,541	23.5	1,949	3.7	9,367	17.6	197	0.4	414	0.8
30-34	30,674	7,850	25.6	1,307	4.3	5,344	17.4	110	0.4	238	0.8
35-39	8,197	2,305	28.1	465	5.7	1,418	17.3	23	0.3	69	0.8
40-44	1,057	333	31.5	67	6.3	204	19.3	5	0.5	19	1.8
45 AND OVER	36	9	25.0	4	11.1	6	16.7	0	-	0	-
UNKNOWN	35	10	28.6	1	2.9	5	14.3	0	-	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AGE GROUP.

NOTE: MORE THAN ONE TYPE OF MEDICAL CONDITION MAY BE REPORTED FOR A LIVE BIRTH.

TABLE B-14
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND METHOD OF DELIVERY
PENNSYLVANIA, 1984

AGE OF MOTHER (IN YEARS)	TOTAL BIRTHS	METHOD OF DELIVERY						
		NORMAL DELIVERY	LOW FORCEPS	OTHER FORCEPS	BREECH DELIVERY	ELECTIVE CAESAREAN	OTHER AND UNSPECIFIED CAESAREAN	OTHER AND UNSPECIFIED METHOD
ALL AGES	156,799	104,138	13,732	1,647	843	14,975	16,303	5,161
UNDER 15	352	256	24	3	2	20	30	17
15-19	17,923	12,681	1,782	179	75	1,018	1,726	462
20-24	45,193	30,863	4,053	468	203	3,781	4,525	1,300
25-29	53,332	35,075	4,766	598	310	5,196	5,525	1,862
30-34	30,674	19,497	2,433	314	193	3,757	3,334	1,146
35-39	8,197	5,097	597	74	54	1,077	976	322
40-44	1,057	629	74	11	6	123	176	38
45 AND OVER	36	24	2	0	0	0	8	2
UNKNOWN	35	16	1	0	0	3	3	12

TABLE B-15A
RESIDENT LIVE BIRTHS BY APGAR SCORE AT ONE MINUTE
BY RACE AND SEX OF CHILD
PENNSYLVANIA, 1984

APGAR SCORE	TOTAL BIRTHS	WHITE			ALL OTHER		
		TOTAL	MALE*	FEMALE	TOTAL	MALE*	FEMALE
TOTAL	156,799	134,372	69,018	65,354	22,427	11,412	11,015
0-5	8,066	6,193	3,370	2,823	1,873	1,004	869
6	5,403	4,409	2,373	2,036	994	542	452
7	14,940	12,506	6,560	5,946	2,434	1,219	1,215
8	56,017	47,300	24,258	23,042	8,717	4,369	4,348
9	67,004	59,004	29,982	29,022	8,000	4,074	3,926
10	4,320	4,136	2,051	2,085	184	97	87
UNKNOWN	1,049	824	424	400	225	107	118

* UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-15B
RESIDENT LIVE BIRTHS BY APGAR SCORE AT FIVE MINUTES
BY RACE AND SEX OF CHILD
PENNSYLVANIA, 1984

APGAR SCORE	TOTAL BIRTHS	WHITE			ALL OTHER		
		TOTAL	MALE*	FEMALE	TOTAL	MALE*	FEMALE
TOTAL	156,799	134,372	69,018	65,354	22,427	11,412	11,015
0-5	1,604	1,123	619	504	481	259	222
6	1,050	785	407	378	265	153	112
7	2,369	1,861	1,015	846	508	273	235
8	10,964	8,837	4,731	4,106	2,127	1,100	1,027
9	92,533	76,811	39,572	37,239	15,722	7,902	7,820
10	47,231	44,136	22,249	21,887	3,095	1,615	1,480
UNKNOWN	1,048	819	425	394	229	110	119

* UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-16
RESIDENT LIVE BIRTHS BY SEX, RACE AND HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TOTAL BIRTHS	RATE*	WHITE			ALL OTHER		
			TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALL AREAS	156,799	13.2	134,372	69,018	65,354	22,427	11,412	11,015
HSA 1-SOUTHEAST	53,395	14.4	38,066	19,637	18,429	15,329	7,752	7,577
HSA 2-EASTERN	11,669	12.2	11,068	5,737	5,331	601	323	278
HSA 3-NORTHEAST	9,245	11.5	9,098	4,659	4,439	147	85	62
HSA 4-S. CENTRAL	19,945	13.7	18,380	9,379	9,001	1,565	798	767
HSA 5-CENTRAL	9,742	12.8	9,563	4,856	4,707	179	101	78
HSA 6-SOUTHWEST	34,768	12.2	30,812	15,805	15,007	3,956	2,007	1,949
HSA 7-NORTHWEST	10,455	13.6	9,926	5,115	4,811	529	277	252
HSA 8-NY-PENN	1,514	13.9	1,502	784	718	12	8	4
HSA 9-KEYSTONE	6,066	12.2	5,957	3,046	2,911	109	61	48

* RATE PER 1,000 POPULATION FOR EACH SPECIFIED AREA.
** UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

TABLE B-17
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND HEALTH SERVICE AREA
PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)							
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 & OVER	UNKNOWN
ALL AREAS	156,799	352	17,923	45,193	53,332	30,674	8,197	1,057	36	35
HSA 1-SOUTHEAST	53,395	166	6,393	14,170	17,984	11,167	3,102	379	12	22
HSA 2-EASTERN	11,669	23	1,288	3,355	4,072	2,264	606	59	2	0
HSA 3-NORTHEAST	9,245	8	1,013	2,797	2,982	1,803	552	85	4	1
HSA 4-S. CENTRAL	19,945	49	2,141	6,146	6,835	3,664	961	143	4	2
HSA 5-CENTRAL	9,742	11	1,376	3,328	3,006	1,545	397	76	2	1
HSA 6-SOUTHWEST	34,768	59	3,450	9,562	12,483	7,178	1,827	195	6	8
HSA 7-NORTHWEST	10,455	14	1,242	3,363	3,492	1,813	454	72	4	1
HSA 8-NY-PENN	1,514	3	192	536	485	214	72	10	2	0
HSA 9-KEYSTONE	6,066	19	828	1,936	1,993	1,026	226	38	0	0

TABLE B-18
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND HEALTH SERVICE AREA
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	156,799	1,939	1.2	8,522	5.4	81,599	52.0	61,637	39.3	3,022	1.9	80	0.1
HSA 1-SOUTHEAST	53,395	817	1.5	3,360	6.3	28,613	53.6	19,653	36.8	922	1.7	30	0.1
HSA 2-EASTERN	11,669	123	1.1	581	5.0	5,911	50.7	4,806	41.2	240	2.1	8	0.1
HSA 3-NORTHEAST	9,245	88	1.0	468	5.1	4,864	52.6	3,655	39.5	168	1.8	2	0.0
HSA 4-S. CENTRAL	19,945	206	1.0	947	4.7	9,839	49.3	8,480	42.5	463	2.3	10	0.1
HSA 5-CENTRAL	9,742	75	0.8	488	5.0	4,968	51.0	4,008	41.1	195	2.0	8	0.1
HSA 6-SOUTHWEST	34,768	440	1.3	1,821	5.2	18,130	52.1	13,733	39.5	631	1.8	13	0.0
HSA 7-NORTHWEST	10,455	109	1.0	494	4.7	5,319	50.9	4,290	41.0	236	2.3	7	0.1
HSA 8-NY-PENN	1,514	21	1.4	59	3.9	752	49.7	655	42.3	26	1.7	1	0.1
HSA 9-KEYSTONE	6,066	60	1.0	304	5.0	3,203	52.8	2,357	38.9	141	2.3	1	0.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-19
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND HEALTH SERVICE AREA
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 +		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	156,799	4,175	2.7	22,814	14.5	76,847	49.0	25,475	16.2	26,458	16.9	1,030	0.7
HSA 1-SOUTHEAST	53,395	980	1.8	8,508	15.9	24,053	45.0	8,726	16.3	10,436	19.5	692	1.3
HSA 2-EASTERN	11,669	326	2.8	1,694	14.5	5,646	48.4	1,944	16.7	1,997	17.1	62	0.5
HSA 3-NORTHEAST	9,245	143	1.5	1,320	14.3	4,841	52.4	1,673	18.1	1,257	13.6	11	0.1
HSA 4-S. CENTRAL	19,945	1,367	6.9	3,025	15.2	9,660	48.4	2,903	14.6	2,897	14.5	93	0.5
HSA 5-CENTRAL	9,742	395	4.1	1,499	15.4	5,053	51.9	1,431	14.7	1,344	13.8	20	0.2
HSA 6-SOUTHWEST	34,768	487	1.4	4,053	11.7	17,644	50.7	6,157	17.7	6,320	18.2	107	0.3
HSA 7-NORTHWEST	10,455	303	2.9	1,572	15.0	5,588	53.4	1,524	14.6	1,434	13.7	34	0.3
HSA 8-NY-PENN	1,514	46	3.0	253	16.7	822	54.3	221	14.6	169	11.2	3	0.2
HSA 9-KEYSTONE	6,066	128	2.1	890	14.7	3,540	58.4	896	14.8	604	10.0	8	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

TABLE B-20
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND HEALTH SERVICE AREA
NUMBER AND PERCENT: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
ALL AREAS	156,799	122,868	78.4	6,732	5.5	116,121	94.5	32,735	20.9	11,464	35.0	21,260	64.9
HSA 1-SOUTHEAST	53,395	37,740	70.7	1,346	3.6	36,386	96.4	15,583	29.2	5,205	33.4	10,369	66.5
HSA 2-EASTERN	11,669	9,525	81.6	524	5.5	9,001	94.5	2,133	18.3	786	36.8	1,347	63.2
HSA 3-NORTHEAST	9,245	7,816	84.5	512	6.6	7,304	93.4	1,349	14.6	506	37.5	842	62.4
HSA 4-S. CENTRAL	19,945	16,337	81.9	911	5.6	15,425	94.4	3,371	16.9	1,269	37.6	2,102	62.4
HSA 5-CENTRAL	9,742	8,298	85.2	808	9.7	7,489	90.3	1,374	14.1	577	42.0	797	58.0
HSA 6-SOUTHWEST	34,768	28,699	82.5	1,497	5.2	27,198	94.8	5,945	17.1	2,004	33.7	3,940	66.3
HSA 7-NORTHWEST	10,455	8,376	80.1	572	6.8	7,803	93.2	1,828	17.5	661	36.2	1,167	63.8
HSA 8-NY-PENN	1,514	1,025	67.7	104	10.1	921	89.9	238	15.7	79	33.2	159	66.8
HSA 9-KEYSTONE	6,066	5,052	83.3	458	9.1	4,594	90.9	914	15.1	377	41.2	537	58.8

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH AREA.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH AREA.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH AREA.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

TABLE B-21
RESIDENT LIVE BIRTHS BY TRIMESTER OF FIRST PRENATAL VISIT AND
HEALTH SERVICE AREA, NUMBER AND PERCENT*: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	156,799	117,806	75.1	24,773	15.8	4,917	3.1	8,141	5.2	1,162	0.7
HSA 1-SOUTHEAST	53,395	37,974	71.1	8,695	16.3	1,978	3.7	4,238	7.9	510	1.0
HSA 2-EASTERN	11,669	8,968	76.9	1,760	15.1	384	3.3	465	4.0	92	0.8
HSA 3-NORTHEAST	9,245	7,504	81.2	1,337	14.5	207	2.2	129	1.4	68	0.7
HSA 4-S. CENTRAL	19,945	15,062	75.5	3,332	16.7	638	3.2	817	4.1	96	0.5
HSA 5-CENTRAL	9,742	7,400	76.0	1,797	18.4	340	3.5	155	1.6	50	0.5
HSA 6-SOUTHWEST	34,768	27,518	79.1	4,852	14.0	776	2.2	1,374	4.0	248	0.7
HSA 7-NORTHWEST	10,455	7,605	72.7	1,590	15.2	329	3.1	874	8.4	57	0.5
HSA 8-NY-PENN	1,514	1,067	70.5	323	21.3	86	5.7	28	1.8	10	0.7
HSA 9-KEYSTONE	6,066	4,708	77.6	1,087	17.9	179	3.0	61	1.0	31	0.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED AREA.

TABLE B-22
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATES: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	BIRTH RATE*	GENERAL FERTILITY RATE**	WHITE			ALL OTHER		
				TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
ALL COUNTIES	156,799	13.2	57.9	134,372	69,018	65,354	22,427	11,412	11,015
ADAMS	994	14.4	61.5	962	512	450	32	13	19
ALLEGHENY	17,555	12.5	54.8	14,371	7,365	7,006	3,184	1,598	1,586
ARMSTRONG	1,019	12.4	58.7	994	507	487	25	13	12
BEAVER	2,356	11.8	54.7	2,101	1,081	1,020	255	141	114
BEDFORD	523	10.9	50.7	521	247	274	2	1	1
BERKS	4,103	12.9	58.0	3,837	1,987	1,850	266	136	130
BLAIR	1,741	13.0	59.0	1,711	888	823	30	17	13
BRADFORD	888	13.9	62.6	881	438	443	7	4	3
BUCKS	7,081	13.9	57.8	6,722	3,422	3,300	359	194	165
BUTLER	1,989	13.1	55.3	1,966	1,044	922	23	12	11
CAMBRIA	2,064	11.7	55.0	2,006	1,044	962	58	29	29
CAMERON	103	15.6	76.8	102	45	57	1	1	0
CARBON	569	10.5	52.1	565	291	274	4	2	2
CENTRE	1,290	11.3	39.6	1,213	609	604	77	44	33
CHESTER	4,809	14.4	57.4	4,308	2,202	2,106	501	254	247
CLARION	554	12.9	52.9	548	268	280	6	3	3
CLEARFIELD	1,060	12.5	59.0	1,054	548	506	6	4	2
CLINTON	502	12.8	55.1	496	247	249	6	4	2
COLUMBIA	763	12.3	50.1	759	371	388	4	4	0
CRAWFORD	1,235	13.9	62.9	1,212	637	575	23	11	12
CUMBERLAND	2,144	11.6	47.3	2,062	1,071	991	82	40	42
DAUPHIN	3,212	13.6	59.1	2,457	1,192	1,265	755	379	376
DELAWARE	7,892	14.3	63.5	6,714	3,537	3,177	1,178	565	613
ELK	516	13.7	65.7	514	267	247	2	1	1
ERIE	4,158	14.7	62.1	3,802	1,937	1,865	356	188	168
FAYETTE	1,969	12.4	59.0	1,877	968	909	92	50	42
FOREST	68	13.6	66.8	65	35	30	3	3	0
FRANKLIN	1,495	12.9	57.4	1,427	724	703	68	35	33
FULTON	186	13.8	63.8	180	84	96	6	5	1
GREENE	521	12.6	57.7	517	253	264	4	2	2
HUNTINGDON	543	12.7	60.0	532	262	270	11	8	3
INDIANA	1,176	12.6	46.9	1,162	579	583	14	8	6
JEFFERSON	667	13.6	64.8	662	336	326	5	4	1
JUNIATA	271	13.7	65.0	268	138	130	3	1	2
LACKAWANNA	2,711	12.1	57.2	2,654	1,370	1,284	57	30	27

(CONTINUED)

TABLE B-22
RESIDENT LIVE BIRTHS BY SEX, RACE AND COUNTY
NUMBER AND RATES: PENNSYLVANIA, 1984

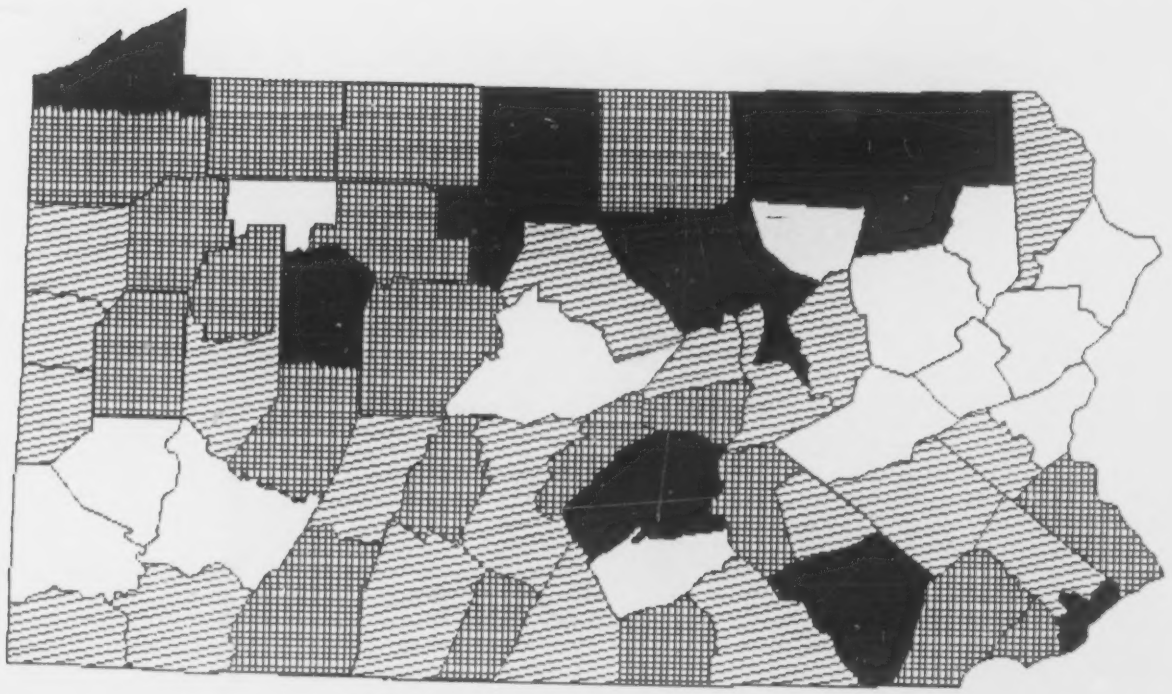
COUNTY	TOTAL BIRTHS	BIRTH RATE*	GENERAL FERTILITY RATE**	WHITE			ALL OTHER		
				TOTAL	MALE***	FEMALE	TOTAL	MALE***	FEMALE
LANCASTER	5,889	15.4	66.0	5,605	2,858	2,747	284	148	136
LAWRENCE	1,274	12.0	56.5	1,213	587	626	61	38	23
LEBANON	1,443	13.0	57.2	1,415	729	686	28	15	13
LEHIGH	3,475	12.6	54.5	3,300	1,732	1,568	175	101	74
LUZERNE	3,713	11.0	53.5	3,656	1,877	1,779	57	34	23
LYCOMING	1,639	14.0	62.7	1,588	811	777	51	27	24
MCKEAN	644	13.1	63.5	638	342	296	6	3	3
MERCER	1,420	11.2	51.1	1,300	676	624	120	60	60
MIFFLIN	612	13.1	59.9	608	311	297	4	2	2
MONROE	860	11.1	47.3	841	434	407	19	5	14
MONTGOMERY	8,634	13.1	57.2	7,838	4,011	3,827	796	398	398
MONTOUR	241	14.2	62.0	238	109	129	3	2	1
NORTHAMPTON	2,662	11.5	52.1	2,525	1,293	1,232	137	79	58
NORTHUMBERLAND	1,214	12.1	59.0	1,209	618	591	5	2	3
PERRY	506	13.5	57.6	502	256	246	4	2	2
PHILADELPHIA	24,979	15.2	64.2	12,484	6,465	6,019	12,495	6,341	6,154
PIKE	226	11.0	56.2	225	108	117	1	0	1
POTTER	296	16.1	77.4	292	150	142	4	2	2
SCHUYLKILL	1,756	11.1	56.2	1,733	879	854	23	14	9
SNYDER	492	13.9	57.7	490	243	247	2	1	1
SOMERSET	1,009	12.3	58.7	1,007	521	486	2	1	1
SULLIVAN	52	8.4	39.9	52	31	21	0	0	0
SUSQUEHANNA	574	14.8	70.4	569	315	254	5	4	1
TIOGA	510	12.7	55.1	500	258	242	10	4	6
UNION	481	14.3	61.4	478	257	221	3	2	1
VENANGO	820	12.7	57.5	813	429	384	7	4	3
WARREN	641	13.4	63.9	640	329	311	1	1	0
WASHINGTON	2,512	11.6	53.5	2,376	1,226	1,150	136	68	68
WAYNE	469	12.4	61.0	462	237	225	7	5	2
WESTMORELAND	4,397	11.4	51.5	4,235	2,195	2,040	162	77	85
WYOMING	370	13.6	60.8	368	188	180	2	2	0
YORK	4,262	13.2	56.2	3,950	2,037	1,913	312	166	146

* BIRTH RATE PER 1,000 POPULATION FOR EACH SPECIFIED COUNTY.
** GENERAL FERTILITY RATE: NUMBER OF TOTAL LIVE BIRTHS PER 1,000 FEMALES OF CHILDBEARING AGE (BETWEEN THE AGES OF 15 AND 44 YEARS).
***UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY.

FIGURE B-4
BIRTH RATES* BY COUNTY
PENNSYLVANIA, 1984

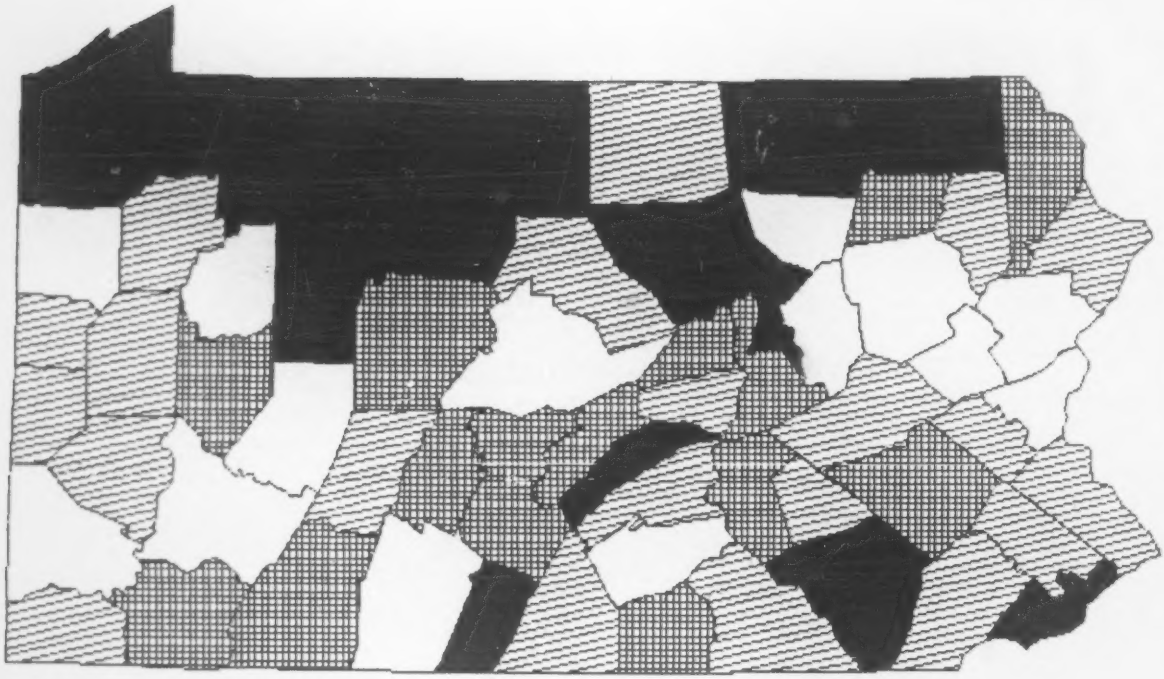
*RATE PER 1,000 POPULATION

FIGURE B-5
BIRTH RATES* BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1980-1984



*RATE PER 1,000 POPULATION

FIGURE B–6
GENERAL FERTILITY RATES* BY COUNTY
PENNSYLVANIA, 1984



RATE ≤ 54.0 | 54.0–57.9 | 58.0–61.9 | ≥ 62.0

*TOTAL LIVE BIRTHS PER 1,000 FEMALES BETWEEN THE AGES OF 15 AND 44 YEARS.

TABLE B-23
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	UNKNOWN
ALL COUNTIES	156,799	352	17,923	45,193	53,332	30,674	8,197	1,057	36	35
ADAMS	994	2	117	328	323	182	33	9	0	0
ALLEGHENY	17,555	41	1,566	4,272	6,406	4,061	1,093	106	3	7
ARMSTRONG	1,019	1	141	361	335	139	39	3	0	0
BEAVER	2,356	3	243	730	866	402	98	14	0	0
BEDFORD	523	3	73	183	173	70	18	3	0	0
BERKS	4,103	9	511	1,295	1,352	707	209	19	1	0
BLAIR	1,741	8	251	540	570	285	78	9	0	0
BRADFORD	888	1	113	342	263	124	40	5	0	0
BUCKS	7,081	6	510	1,706	2,637	1,698	467	49	6	2
BUTLER	1,989	2	141	591	748	427	71	9	0	0
CAMBRIA	2,064	5	244	617	697	416	69	16	0	0
CAMERON	103	0	21	34	26	16	4	1	1	0
CARBON	569	0	84	169	200	85	29	2	0	0
CENTRE	1,290	1	146	373	423	280	57	10	0	0
CHESTER	4,809	11	386	1,080	1,695	1,234	357	43	1	2
CLARION	554	1	68	205	173	83	17	6	0	1
CLEARFIELD	1,060	3	164	401	309	144	33	5	1	0
CLINTON	502	0	89	169	154	70	16	4	0	0
COLUMBIA	763	2	100	268	247	111	31	4	0	0
CRAWFORD	1,235	0	120	419	429	193	65	9	0	0
CUMBERLAND	2,144	2	187	576	770	469	118	21	1	0
DAUPHIN	3,212	19	424	922	1,071	601	156	19	0	0
DELAWARE	7,892	15	679	1,866	2,867	1,932	473	56	3	1
ELK	516	0	68	172	174	72	26	4	0	0
ERIE	4,158	8	516	1,243	1,412	757	191	29	2	0
FAYETTE	1,969	3	326	703	606	260	56	15	0	0
FOREST	68	0	6	31	21	7	2	1	0	0
FRANKLIN	1,495	1	190	537	487	214	54	11	0	1
FULTON	186	0	36	74	44	23	9	0	0	0
GREENE	521	0	92	177	153	80	18	1	0	0
HUNTINGDON	543	1	81	195	176	73	13	4	0	0
INDIANA	1,176	0	127	374	418	200	47	9	1	0
JEFFERSON	667	0	92	240	210	90	31	4	0	0
JUNIATA	271	0	44	96	88	31	12	0	0	0
LACKAWANNA	2,711	0	254	782	902	549	190	32	2	0

(CONTINUED)

TABLE B-23
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND COUNTY
PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	UNKNOWN
LANCASTER	5,889	11	551	1,726	2,075	1,122	343	59	2	0
LAWRENCE	1,274	2	133	422	413	234	63	6	0	1
LEBANON	1,443	2	156	500	468	242	66	9	0	0
LEHIGH	3,475	8	312	904	1,273	770	188	20	0	0
LUZERNE	3,713	6	405	1,070	1,223	756	215	35	2	1
LYCOMING	1,639	2	248	527	504	274	69	15	0	0
MCKEAN	644	1	84	208	206	112	31	2	0	0
MERCER	1,420	1	165	439	488	255	61	11	0	0
MIFFLIN	612	3	84	215	180	97	22	10	1	0
MONROE	860	2	89	238	281	193	49	8	0	0
MONTGOMERY	8,634	14	462	1,803	3,288	2,345	658	64	0	0
MONTOUR	241	0	23	71	83	51	12	1	0	0
NORTHAMPTON	2,662	4	292	749	966	509	131	10	1	0
NORTHUMBERLAND	1,214	0	182	430	357	187	49	9	0	0
PERRY	506	0	62	176	175	78	12	3	0	0
PHILADELPHIA	24,979	120	4,356	7,715	7,497	3,958	1,147	167	2	17
PIKE	226	1	13	60	81	45	23	3	0	0
POTTER	296	1	40	119	81	47	6	2	0	0
SCHUYLKILL	1,756	1	254	606	516	291	78	10	0	0
SNYDER	492	0	72	189	138	68	19	6	0	0
SOMERSET	1,009	2	143	327	333	159	39	6	0	0
SULLIVAN	52	0	7	17	20	6	2	0	0	0
SUSQUEHANNA	574	2	72	177	202	84	30	5	2	0
TIOGA	510	0	80	196	155	60	18	1	0	0
UNION	481	0	52	153	158	82	28	7	0	1
VENANGO	820	2	91	277	284	137	25	3	1	0
WARREN	641	0	63	216	198	134	26	4	0	0
WASHINGTON	2,312	2	270	715	949	435	128	13	0	0
WAYNE	469	0	44	151	145	91	37	1	0	0
WESTMORELAND	4,397	5	411	1,217	1,589	940	214	19	2	0
WYOMING	370	0	43	128	115	71	9	4	0	0
YORK	4,262	12	454	1,381	1,466	756	179	12	1	1

TABLE B-24
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	156,799	1,939	1.2	8,522	5.4	81,599	52.0	61,637	39.3	3,022	1.9	80	0.1
ADAMS	994	10	1.0	44	4.4	492	49.5	427	43.0	20	2.0	1	0.1
ALLEGHENY	17,555	241	1.4	947	5.4	9,202	52.4	6,847	39.0	309	1.8	9	0.1
ARMSTRONG	1,019	6	0.6	53	5.2	529	51.9	412	40.4	18	1.8	1	0.1
BEAVER	2,356	35	1.5	132	5.6	1,245	52.8	893	37.9	51	2.2	0	-
BEDFORD	523	9	1.7	21	4.0	260	49.7	216	41.3	17	3.3	0	-
BERKS	4,103	46	1.1	198	4.8	2,047	49.9	1,723	42.0	87	2.1	2	0.0
BLAIR	1,741	14	0.8	78	4.5	946	54.3	656	37.7	46	2.6	1	0.1
BRADFORD	888	11	1.2	34	3.8	454	51.1	375	42.2	14	1.6	0	-
BUCKS	7,081	58	0.8	336	4.7	3,503	49.5	3,018	42.6	159	2.2	7	0.1
BUTLER	1,989	21	1.1	80	4.0	995	50.0	849	42.7	44	2.2	0	-
CAMBRIA	2,064	12	0.6	124	6.0	1,096	53.1	788	38.2	44	2.1	0	-
CAMERON	103	1	1.0	6	5.8	48	46.6	47	45.6	1	1.0	0	-
CARBON	569	8	1.4	31	5.4	322	56.6	196	34.4	11	1.9	1	0.2
CENTRE	1,290	7	0.5	64	5.0	647	50.2	539	41.8	31	2.4	2	0.2
CHESTER	4,809	51	1.1	197	4.1	2,379	49.5	2,059	42.8	119	2.5	4	0.1
CLARION	554	5	0.9	22	4.0	253	45.7	265	47.8	9	1.6	0	-
CLEARFIELD	1,060	14	1.3	67	6.3	552	52.1	409	38.6	18	1.7	0	-
CLINTON	502	4	0.8	32	6.4	263	52.4	194	38.6	9	1.8	0	-
COLUMBIA	763	9	1.2	36	4.7	385	50.5	316	41.4	16	2.1	1	0.1
CRAWFORD	1,235	10	0.8	52	4.2	644	52.1	508	41.1	21	1.7	0	-
CUMBERLAND	2,144	29	1.4	92	4.3	1,066	49.7	913	42.6	44	2.1	0	-
DAUPHIN	3,212	39	1.2	160	5.0	1,701	53.0	1,241	38.6	70	2.2	1	0.0
DELAWARE	7,892	99	1.3	393	5.0	3,923	49.7	3,303	41.9	173	2.2	1	0.0
ELK	516	7	1.4	25	4.8	251	48.6	223	43.2	10	1.9	0	-
ERIE	4,158	50	1.2	239	5.7	2,151	51.7	1,618	38.9	97	2.3	3	0.1
FAYETTE	1,969	11	0.6	92	4.7	1,080	54.9	757	38.4	27	1.4	2	0.1
FOREST	68	0	-	1	1.5	30	44.1	33	48.5	4	5.9	0	-
FRANKLIN	1,495	11	0.7	66	4.4	682	45.6	693	46.4	41	2.7	2	0.1
FULTON	186	0	-	5	2.7	109	58.6	67	36.0	5	2.7	0	-
GREENE	521	6	1.2	29	5.6	268	51.4	212	40.7	6	1.2	0	-
HUNTINGDON	543	2	0.4	24	4.4	271	49.9	230	42.4	16	2.9	0	-
INDIANA	1,176	12	1.0	50	4.3	618	52.6	472	40.1	23	2.0	1	0.1
JEFFERSON	667	7	1.0	33	4.9	347	52.0	266	39.9	13	1.9	1	0.1
JUNIATA	271	2	0.7	12	4.4	137	50.6	117	43.2	3	1.1	0	-
LACKAWANNA	2,711	32	1.2	140	5.2	1,425	52.6	1,058	39.0	56	2.1	0	-

(CONTINUED)

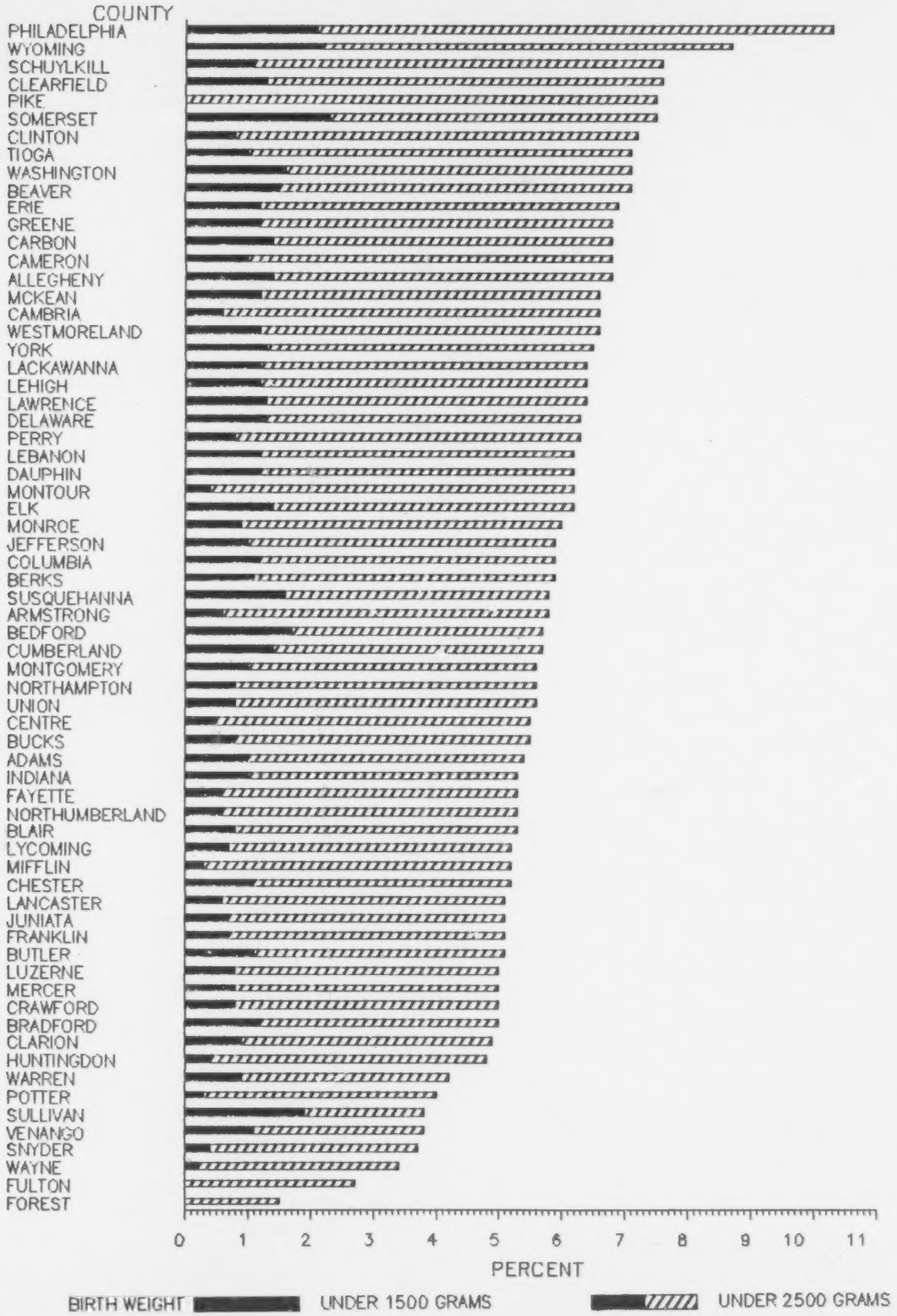
TABLE B-24
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,889	38	0.6	265	4.5	2,861	48.6	2,565	43.6	159	2.7	1	0.0
LAWRENCE	1,274	16	1.3	65	5.1	677	53.1	493	38.7	23	1.8	0	-
LEBANON	1,443	18	1.2	72	5.0	689	47.7	632	43.8	32	2.2	0	-
LEHIGH	3,475	40	1.2	180	5.2	1,732	49.8	1,454	41.8	68	2.0	1	0.0
LUZERNE	3,713	28	0.8	157	4.2	1,916	51.6	1,542	41.5	69	1.9	1	0.0
LYCOMING	1,639	11	0.7	73	4.5	857	52.3	669	40.8	29	1.8	0	-
MCKEAN	644	8	1.2	35	5.4	336	52.2	241	37.4	21	3.3	3	0.5
MERCER	1,420	12	0.8	60	4.2	746	52.5	577	40.6	24	1.7	1	0.1
MIFFLIN	612	2	0.3	30	4.9	306	50.0	257	42.0	17	2.8	0	-
MONROE	860	8	0.9	44	5.1	416	48.4	369	42.9	21	2.4	2	0.2
MONTGOMERY	8,634	85	1.0	395	4.6	4,330	50.2	3,648	42.3	172	2.0	4	0.0
MONTOUR	241	1	0.4	14	5.8	119	49.4	106	44.0	1	0.4	0	-
NORTHAMPTON	2,662	21	0.8	128	4.8	1,394	52.4	1,064	40.0	53	2.0	2	0.1
NORTHUMBERLAND	1,214	7	0.6	57	4.7	640	52.7	491	40.4	18	1.5	1	0.1
PERRY	506	4	0.8	28	5.5	246	48.6	214	42.3	14	2.8	0	-
PHILADELPHIA	24,979	524	2.1	2,039	8.2	14,478	58.0	7,625	30.5	299	1.2	14	0.1
PIKE	226	0	-	17	7.5	115	50.9	90	39.8	3	1.3	1	0.4
POTTER	296	1	0.3	11	3.7	145	49.0	129	43.6	10	3.4	0	-
SCHUYLKILL	1,756	19	1.1	115	6.5	979	55.8	622	35.4	21	1.2	0	-
SNYDER	492	2	0.4	16	3.3	244	49.6	218	44.3	11	2.2	1	0.2
SOMERSET	1,009	23	2.3	52	5.2	521	51.6	400	39.6	13	1.3	0	-
SULLIVAN	52	1	1.9	1	1.9	21	40.4	27	51.9	2	3.8	0	-
SUSQUEHANNA	574	9	1.6	24	4.2	277	48.3	253	44.1	10	1.7	1	0.2
TIOGA	510	5	1.0	31	6.1	243	47.6	215	42.2	14	2.7	2	0.4
UNION	481	4	0.8	23	4.8	228	47.4	211	43.9	15	3.1	0	-
VENANGO	820	9	1.1	22	2.7	384	46.8	379	46.2	26	3.2	0	-
WARREN	641	6	0.9	21	3.3	331	51.6	270	42.1	13	2.0	0	-
WASHINGTON	2,512	40	1.6	137	5.5	1,302	51.8	992	39.5	41	1.6	0	-
WAYNE	469	1	0.2	15	3.2	240	51.2	203	43.3	10	2.1	0	-
WESTMORELAND	4,397	52	1.2	236	5.4	2,214	50.4	1,806	41.1	89	2.0	0	-
WYOMING	370	8	2.2	24	6.5	189	51.1	140	37.8	9	2.4	0	-
YORK	4,262	57	1.3	220	5.2	2,102	49.3	1,795	42.1	83	1.9	5	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

FIGURE B–7
RESIDENT LIVE BIRTHS, PERCENT WITH VERY LOW AND LOW BIRTH WEIGHT
BY COUNTY: PENNSYLVANIA, 1984



NOTE: THE STATE PERCENTAGES FOR VERY LOW BIRTH WEIGHT (UNDER 1500 GRAMS) AND LOW BIRTH WEIGHT (UNDER 2500 GRAMS) ARE 1.2 AND 6.7 PERCENT, RESPECTIVELY.

TABLE B-25
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	156,799	55,149	35.2	49,756	31.7	27,983	17.8	12,907	8.2	10,446	6.7	558	0.4
ADAMS	994	331	33.3	348	35.0	181	18.2	77	7.7	57	5.7	0	-
ALLEGHENY	17,555	6,774	38.6	5,784	32.9	2,966	16.9	1,183	6.7	830	4.7	18	0.1
ARMSTRONG	1,019	376	36.9	347	34.1	185	18.2	73	7.2	38	3.7	0	-
BEAVER	2,356	809	34.3	793	33.7	429	18.2	185	7.9	133	5.6	7	0.3
BEDFORD	523	198	37.9	180	34.4	69	13.2	47	9.0	29	5.5	0	-
BERKS	4,103	1,410	34.4	1,306	31.8	801	19.5	321	7.8	264	6.4	1	0.0
BLAIR	1,741	649	37.3	547	31.4	297	17.1	148	8.5	98	5.6	2	0.1
BRADFORD	888	271	30.5	302	34.0	178	20.0	82	9.2	53	6.0	2	0.2
BUCKS	7,081	2,304	32.5	2,314	32.7	1,354	19.1	632	8.9	459	6.5	18	0.3
BUTLER	1,989	682	34.3	694	34.9	376	18.9	152	7.6	82	4.1	3	0.2
CAMBRIA	2,064	726	35.2	677	32.8	367	17.8	176	8.5	117	5.7	1	0.0
CAMERON	103	41	39.8	28	27.2	19	18.4	11	10.7	4	3.9	0	-
CARBON	569	216	38.0	179	31.5	106	18.6	37	6.5	31	5.4	0	-
CENTRE	1,290	530	41.1	421	32.6	188	14.6	86	6.7	62	4.8	3	0.2
CHESTER	4,809	1,531	31.8	1,458	30.3	878	18.3	391	8.1	305	6.3	246	5.1
CLARION	554	206	37.2	168	30.3	103	18.6	34	6.1	43	7.8	0	-
CLEARFIELD	1,060	421	39.7	325	30.7	188	17.7	75	7.1	51	4.8	0	-
CLINTON	502	170	33.9	178	35.5	75	14.9	32	6.4	45	9.0	2	0.4
COLUMBIA	763	274	35.9	264	34.6	132	17.3	54	7.1	38	5.0	1	0.1
CRAWFORD	1,235	385	31.2	414	33.5	227	18.4	114	9.2	93	7.5	2	0.2
CUMBERLAND	2,144	792	36.9	699	32.6	370	17.3	162	7.6	117	5.5	4	0.2
DAUPHIN	3,212	1,174	36.6	981	30.5	558	17.4	277	8.6	219	6.8	3	0.1
DELAWARE	7,892	2,673	33.9	2,463	31.2	1,459	18.5	720	9.1	500	6.3	77	1.0
ELK	516	193	37.4	166	32.2	80	15.5	43	8.3	34	6.6	0	-
ERIE	4,158	1,462	35.2	1,321	31.8	734	17.7	342	8.2	295	7.1	4	0.1
FAYETTE	1,969	730	37.1	640	32.5	357	18.1	138	7.0	102	5.2	2	0.1
FOREST	68	24	35.3	26	38.2	8	11.8	6	8.8	3	4.4	1	1.5
FRANKLIN	1,495	540	36.1	501	33.5	243	16.3	109	7.3	101	6.8	1	0.1
FULTON	186	77	41.4	56	30.1	34	18.3	7	3.8	12	6.5	0	-
GREENE	521	199	38.2	183	35.1	82	15.7	34	6.5	22	4.2	1	0.2
HUNTINGDON	543	174	32.0	185	34.1	112	20.6	43	7.9	28	5.2	1	0.2
INDIANA	1,176	401	34.1	398	33.8	193	16.4	99	8.4	80	6.8	5	0.4
JEFFERSON	667	246	36.9	222	33.3	107	16.0	68	10.2	24	3.6	0	-
JUNIATA	271	90	33.2	89	32.8	46	17.0	24	8.9	22	8.1	0	-
LACKAWANNA	2,711	971	35.8	849	31.3	474	17.5	235	8.7	180	6.6	2	0.1

(CONTINUED)

TABLE B-25
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS PREGNANCIES AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS PREGNANCIES											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,889	1,969	33.4	1,724	29.3	999	17.0	485	8.2	709	12.0	3	0.1
LAWRENCE	1,274	483	37.9	431	33.8	195	15.3	100	7.8	50	3.9	15	1.2
LEBANON	1,443	468	32.4	496	34.4	271	18.8	103	7.1	104	7.2	1	0.1
LEHIGH	3,475	1,182	34.0	1,182	34.0	634	18.2	278	8.0	191	5.5	8	0.2
LUZERNE	3,713	1,372	37.0	1,218	32.8	608	16.4	296	8.0	217	5.8	2	0.1
LYCOMING	1,639	564	34.4	531	32.4	325	19.8	111	6.8	106	6.5	2	0.1
MCKEAN	644	205	31.8	222	34.5	123	19.1	52	8.1	39	6.1	3	0.5
MERCER	1,420	494	34.8	440	31.0	278	19.6	121	8.5	85	6.0	2	0.1
MIFFLIN	612	202	33.0	189	30.9	91	14.9	61	10.0	67	10.9	2	0.3
MONROE	860	288	33.5	286	33.3	155	18.0	76	8.8	52	6.0	3	0.3
MONTGOMERY	8,634	2,921	33.8	2,833	32.8	1,648	19.1	743	8.6	474	5.5	15	0.2
MONTOUR	241	72	29.9	75	31.1	66	27.4	17	7.1	11	4.6	0	-
NORTHAMPTON	2,662	989	37.2	869	32.6	469	17.6	184	6.9	145	5.4	6	0.2
NORTHUMBERLAND	1,214	455	37.5	398	32.8	219	18.0	94	7.7	48	4.0	0	-
PERRY	506	163	32.2	174	34.4	98	19.4	44	8.7	27	5.3	0	-
PHILADELPHIA	24,979	8,331	33.4	6,975	27.9	4,571	18.3	2,479	9.9	2,553	10.2	70	0.3
PIKE	226	76	33.6	64	28.3	52	23.0	20	8.8	13	5.8	1	0.4
POTTER	296	106	35.8	108	36.5	37	12.5	28	9.5	17	5.7	0	-
SCHUYLKILL	1,756	651	37.1	584	33.3	299	17.0	133	7.6	89	5.1	0	-
SNYDER	492	179	36.4	153	31.1	79	16.1	34	6.9	47	9.6	0	-
SOMERSET	1,009	382	37.9	331	32.8	156	15.5	78	7.7	60	5.9	2	0.2
SULLIVAN	52	18	34.6	17	32.7	9	17.3	2	3.8	6	11.5	0	-
SUSQUEHANNA	574	191	33.3	163	28.4	117	20.4	59	10.3	40	7.0	4	0.7
TIOGA	510	187	36.7	156	30.6	88	17.3	42	8.2	34	6.7	3	0.6
UNION	481	144	29.9	161	33.5	94	19.5	40	8.3	41	8.5	1	0.2
VENANGO	820	284	34.6	277	33.8	150	18.3	70	8.5	39	4.8	0	-
WARREN	641	204	31.8	218	34.0	97	15.1	65	10.1	54	8.4	3	0.5
WASHINGTON	2,512	990	39.4	803	32.0	444	17.7	155	6.2	118	4.7	2	0.1
WAYNE	469	169	36.0	133	28.4	92	19.6	43	9.2	32	6.8	0	-
WESTMORELAND	4,397	1,698	38.6	1,506	34.3	726	16.5	308	7.0	159	3.6	0	-
WYOMING	370	123	33.2	123	33.2	62	16.8	41	11.1	21	5.7	0	-
YORK	4,262	1,539	36.1	1,410	33.1	755	17.7	328	7.7	227	5.3	3	0.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-26
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS LIVE BIRTHS AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	156,799	66,954	42.7	53,035	33.8	23,433	14.9	8,098	5.2	5,119	3.3	160	0.1
ADAMS	994	401	40.3	380	38.2	153	15.4	31	3.1	29	2.9	0	-
ALLEGHENY	17,555	7,907	45.0	6,003	34.2	2,498	14.2	764	4.4	365	2.1	18	0.1
ARMSTRONG	1,019	443	43.5	366	35.9	148	14.5	43	4.2	19	1.9	0	-
BEAVER	2,356	947	40.2	850	36.1	396	16.8	112	4.8	51	2.2	0	-
BEDFORD	523	222	42.4	174	33.3	73	14.0	34	6.5	20	3.8	0	-
BERKS	4,103	1,769	43.1	1,451	35.4	569	13.9	190	4.6	123	3.0	1	0.0
BLAIR	1,741	723	41.5	600	34.5	271	15.6	98	5.6	47	2.7	2	0.1
BRADFORD	888	331	37.3	311	35.0	160	18.0	51	5.7	33	3.7	2	0.2
BUCKS	7,081	2,987	42.2	2,453	34.6	1,116	15.8	330	4.7	183	2.6	12	0.2
BUTLER	1,989	800	40.2	725	36.5	332	16.7	94	4.7	36	1.8	2	0.1
CAMBRIA	2,064	841	40.7	725	35.1	322	15.6	116	5.6	60	2.9	0	-
CAMERON	103	44	42.7	30	29.1	20	19.4	7	6.8	2	1.9	0	-
CARBON	569	246	43.2	199	35.0	85	14.9	26	4.6	13	2.3	0	-
CENTRE	1,290	634	49.1	422	32.7	160	12.4	45	3.5	26	2.0	3	0.2
CHESTER	4,809	2,029	42.2	1,661	34.5	738	15.3	248	5.2	127	2.6	6	0.1
CLARION	554	232	41.9	183	33.0	89	16.1	27	4.9	23	4.2	0	-
CLEARFIELD	1,060	471	44.4	346	32.6	171	16.1	45	4.2	27	2.5	0	-
CLINTON	502	211	42.0	170	33.9	68	13.5	21	4.2	31	6.2	1	0.2
COLUMBIA	763	323	42.3	292	38.3	102	13.4	28	3.7	17	2.2	1	0.1
CRAWFORD	1,235	445	36.0	461	37.3	191	15.5	87	7.0	50	4.0	1	0.1
CUMBERLAND	2,144	981	45.8	737	34.4	267	12.5	102	4.8	54	2.5	3	0.1
DAUPHIN	3,212	1,474	45.9	1,049	32.7	442	13.8	160	5.0	84	2.6	3	0.1
DELAWARE	7,892	3,349	42.4	2,612	33.1	1,272	16.1	420	5.3	227	2.9	12	0.2
ELK	516	218	42.2	170	32.9	70	13.6	36	7.0	22	4.3	0	-
ERIE	4,158	1,673	40.2	1,406	33.8	664	16.0	244	5.9	170	4.1	1	0.0
FAYETTE	1,969	865	43.9	667	33.9	298	15.1	86	4.4	51	2.6	2	0.1
FOREST	68	30	44.1	27	39.7	6	8.8	3	4.4	2	2.9	0	-
FRANKLIN	1,495	653	43.7	518	34.6	186	12.4	73	4.9	64	4.3	1	0.1
FULTON	186	84	45.2	61	32.8	29	15.6	6	3.2	6	3.2	0	-
GREENE	521	232	44.5	186	35.7	65	12.5	25	4.8	12	2.3	1	0.2
HUNTINGDON	543	209	38.5	203	37.4	92	16.9	23	4.2	16	2.9	0	-
INDIANA	1,176	465	39.5	407	34.6	188	16.0	67	5.7	46	3.9	3	0.3
JEFFERSON	667	268	40.2	235	35.2	103	15.4	47	7.0	14	2.1	0	-
JUNIATA	271	107	39.5	96	35.4	38	14.0	16	5.9	14	5.2	0	-
LACKAWANNA	2,711	1,146	42.3	855	31.5	428	15.8	174	6.4	107	3.9	1	0.0

(CONTINUED)

TABLE B-26
RESIDENT LIVE BIRTHS BY NUMBER OF PREVIOUS LIVE BIRTHS AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	NUMBER OF PREVIOUS LIVE BIRTHS											
		NONE		ONE		TWO		THREE		FOUR OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,889	2,289	38.9	1,853	31.5	868	14.7	380	6.5	497	8.4	2	0.0
LAWRENCE	1,274	507	39.8	450	35.3	193	15.1	79	6.2	44	3.5	1	0.1
LEBANON	1,443	596	41.3	502	34.8	227	15.7	57	4.0	61	4.2	0	-
LEHIGH	3,475	1,538	44.3	1,211	34.8	484	13.9	164	4.7	71	2.0	7	0.2
LUZERNE	3,713	1,583	42.6	1,283	34.6	526	14.2	193	5.2	126	3.4	2	0.1
LYCOMING	1,639	692	42.2	573	35.0	263	16.0	67	4.1	42	2.6	2	0.1
MCKEAN	644	233	36.2	243	37.7	111	17.2	33	5.1	21	3.3	3	0.5
MERCER	1,420	586	41.3	476	33.5	237	16.7	72	5.1	48	3.4	1	0.1
MIFFLIN	612	244	39.9	195	31.9	76	12.4	43	7.0	53	8.7	1	0.2
MONROE	860	386	44.9	306	35.6	110	13.8	27	3.1	19	2.2	3	0.3
MONTGOMERY	8,634	3,742	43.3	3,038	35.2	1,271	14.7	387	4.5	189	2.2	7	0.1
MONTOUR	241	87	36.1	94	39.0	42	17.4	10	4.1	8	3.3	0	-
NORTHAMPTON	2,662	1,156	43.4	952	35.8	379	14.2	110	4.1	60	2.3	5	0.2
NORTHUMBERLAND	1,214	530	43.7	425	35.0	189	15.6	53	4.4	17	1.4	0	-
PERRY	506	210	41.5	187	37.0	74	14.6	20	4.0	15	3.0	0	-
PHILADELPHIA	24,979	10,691	42.8	7,559	30.3	3,872	15.5	1,590	6.4	1,227	4.9	40	0.2
PIKE	226	98	43.4	70	31.0	41	18.1	10	4.4	6	2.7	1	0.4
POTTER	296	122	41.2	108	36.5	32	10.8	31	10.5	3	1.0	0	-
SCHUYLKILL	1,756	744	42.4	629	35.8	237	13.5	99	5.6	47	2.7	0	-
SNYDER	492	204	41.5	161	32.7	63	12.8	27	5.5	37	7.5	0	-
SOMERSET	1,009	439	43.5	339	33.6	143	14.2	59	5.8	29	2.9	0	-
SULLIVAN	52	20	38.5	17	32.7	10	19.2	3	5.8	2	3.8	0	-
SUSQUEHANNA	574	228	39.7	191	33.3	91	15.9	40	7.0	20	3.5	4	0.7
TIOGA	510	222	43.5	159	31.2	85	16.7	26	5.1	17	3.3	1	0.2
UNION	481	178	37.0	173	36.0	70	14.6	31	6.4	29	6.0	0	-
VENANGO	820	330	40.2	297	36.2	136	16.6	46	5.6	11	1.3	0	-
WARREN	641	235	36.7	234	36.5	98	15.3	40	6.2	33	5.1	1	0.2
WASHINGTON	2,512	1,091	43.4	885	35.2	381	15.2	106	4.2	48	1.9	1	0.0
WAYNE	469	186	39.7	162	34.5	77	16.4	25	5.3	19	4.1	0	-
WESTMORELAND	4,397	1,963	44.6	1,594	36.3	603	13.7	175	4.0	62	1.4	0	-
WYOMING	370	146	39.5	130	35.1	62	16.8	27	7.3	5	1.4	0	-
YORK	4,262	1,918	45.0	1,508	35.4	563	13.2	189	4.4	82	1.9	2	0.0

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-27
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	156,799	4,175	2.7	22,814	14.5	76,847	49.0	25,475	16.2	26,458	16.9	1,030	0.7
ADAMS	994	41	4.1	167	16.8	512	51.5	139	14.0	133	13.4	2	0.2
ALLEGHENY	17,555	164	0.9	1,767	10.1	8,275	47.1	3,334	19.0	3,949	22.5	66	0.4
ARMSTRONG	1,019	20	2.0	137	13.4	662	65.0	108	10.6	90	8.8	2	0.2
BEAVER	2,056	28	1.2	273	11.6	1,257	53.4	497	21.1	290	12.3	11	0.5
BEDFORD	523	12	2.3	80	15.3	333	63.7	48	9.2	48	9.2	2	0.4
BERKS	4,103	164	4.0	702	17.1	2,072	50.5	568	13.8	586	14.3	11	0.3
BLAIR	1,741	36	2.1	269	15.5	1,011	58.1	246	14.1	177	10.2	2	0.1
BRADFORD	888	34	3.8	143	16.1	482	54.3	131	14.8	95	10.7	3	0.3
BUCKS	7,081	34	0.5	547	7.7	3,428	48.4	1,515	21.4	1,526	21.6	31	0.4
BUTLER	1,989	19	1.0	190	9.6	1,095	55.1	378	19.0	301	15.1	6	0.3
CAMBRIA	2,064	30	1.5	243	11.8	1,227	59.4	346	16.8	216	10.5	2	0.1
CAMERON	103	1	1.0	18	17.5	51	49.5	23	22.3	8	7.8	2	1.9
CARBON	569	9	1.6	87	15.3	323	56.8	106	18.6	42	7.4	2	0.4
CENTRE	1,290	24	1.9	116	9.0	538	41.7	217	16.8	387	30.0	8	0.6
CHESTER	4,809	124	2.6	441	9.2	1,901	39.5	873	18.2	1,338	27.8	132	2.7
CLARION	554	21	3.8	88	15.9	301	54.3	72	13.0	70	12.6	2	0.4
CLEARFIELD	1,060	30	2.8	181	17.1	599	56.5	150	14.2	100	9.4	0	-
CLINTON	502	25	5.0	99	19.7	252	50.2	62	12.4	62	12.4	2	0.4
COLUMBIA	763	15	2.0	124	16.3	398	52.2	115	15.1	110	14.4	1	0.1
CRAWFORD	1,235	76	6.2	163	13.2	668	54.1	169	13.7	158	12.8	1	0.1
CUMBERLAND	2,144	65	3.0	207	9.7	1,021	47.6	390	18.2	451	21.0	10	0.5
DAUPHIN	3,212	78	2.4	502	15.6	1,469	45.7	571	17.8	535	16.7	57	1.8
DELAWARE	7,892	89	1.1	757	9.6	3,867	49.0	1,307	16.6	1,835	23.3	37	0.5
ELK	516	2	0.4	50	9.7	330	64.0	82	15.9	52	10.1	0	-
ERIE	4,158	86	2.1	682	16.4	2,153	51.8	601	14.5	626	15.1	10	0.2
FAYETTE	1,969	51	2.6	444	22.5	1,079	54.8	222	11.3	172	8.7	1	0.1
FOREST	68	2	2.9	12	17.6	37	54.4	8	11.8	9	13.2	0	-
FRANKLIN	1,495	55	3.7	261	17.5	833	55.7	170	11.4	171	11.4	5	0.3
FULTON	186	2	1.1	44	23.7	105	56.5	16	8.6	18	9.7	1	0.5
GREENE	521	11	2.1	111	21.3	267	51.2	66	12.7	63	12.1	3	0.6
HUNTINGDON	543	16	2.9	84	15.5	320	58.9	77	14.2	45	8.3	1	0.2
INDIANA	1,176	68	5.8	155	13.2	609	51.8	142	12.1	199	16.9	3	0.3
JEFFERSON	667	6	0.9	97	14.5	405	60.7	84	12.6	75	11.2	0	-
JUNIATA	271	16	5.9	48	17.7	168	62.0	28	10.3	10	3.7	1	0.4
LACKAWANNA	2,711	38	1.4	382	14.1	1,384	51.1	491	18.1	413	15.2	3	0.1

(CONTINUED)

TABLE B-27
RESIDENT LIVE BIRTHS BY EDUCATION OF MOTHER AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	YEARS OF EDUCATION											
		0-8		9-11		12		13-15		16 OR MORE		UNKNOWN	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,889	972	16.5	931	15.8	2,445	41.5	744	12.6	788	13.4	9	0.2
LAWRENCE	1,274	51	4.0	172	13.5	694	54.5	218	17.1	134	10.5	5	0.4
LEBANON	1,443	59	4.1	234	16.2	808	56.0	178	12.3	162	11.2	2	0.1
LEHIGH	3,475	76	2.2	419	12.1	1,561	44.9	673	19.4	729	21.0	17	0.5
LUZERNE	3,713	51	1.4	479	12.9	1,929	52.0	717	19.3	535	14.4	2	0.1
LYCOMING	1,639	26	1.6	268	16.4	820	50.0	317	19.3	204	12.4	4	0.2
MCKEAN	644	9	1.4	101	15.7	356	55.3	108	16.8	66	10.2	4	0.6
MERCER	1,420	67	4.7	199	14.0	731	51.5	196	13.8	222	15.6	5	0.4
MIFFLIN	612	82	13.4	111	18.1	307	50.2	56	9.2	55	9.0	1	0.2
MONROE	860	11	1.3	120	14.0	403	46.9	145	16.9	176	20.5	5	0.6
MONTGOMERY	8,634	56	0.6	631	7.3	3,453	40.0	1,677	19.4	2,785	32.3	32	0.4
MONTOUR	241	10	4.1	31	12.9	109	45.2	45	18.7	46	19.1	0	-
NORTHAMPTON	2,662	66	2.5	366	13.7	1,287	48.3	452	17.0	464	17.4	27	1.0
NORTHUMBERLAND	1,214	18	1.5	192	15.8	702	57.8	166	13.7	136	11.2	0	-
PERRY	506	16	3.2	84	16.6	284	56.1	73	14.4	48	9.5	1	0.2
PHILADELPHIA	24,979	677	2.7	6,132	24.5	11,404	45.7	3,354	13.4	2,952	11.8	460	1.8
PIKE	226	2	0.9	15	6.6	117	51.8	48	21.2	40	17.7	4	1.8
POTTER	296	4	1.4	47	15.9	167	56.4	46	15.5	27	9.1	5	1.7
SCHUYLKILL	1,756	42	2.4	311	17.7	972	55.4	276	15.7	154	8.8	1	0.1
SNYDER	492	76	15.4	70	14.2	263	53.5	46	9.3	37	7.5	0	-
SOMERSET	1,009	32	3.2	170	16.8	544	53.9	163	16.2	100	9.9	0	-
SULLIVAN	52	1	1.9	6	11.5	32	61.5	8	15.4	5	9.6	0	-
SUSQUEHANNA	574	11	1.9	104	18.1	308	53.7	82	14.3	69	12.0	0	-
TIOGA	510	7	1.4	96	18.8	266	52.2	82	16.1	56	11.0	3	0.6
UNION	481	60	12.5	66	13.7	226	47.0	63	13.1	66	13.7	0	-
VENANGO	820	20	2.4	138	16.8	441	53.8	113	13.8	106	12.9	2	0.2
WARREN	641	15	2.3	74	11.5	353	55.1	106	16.5	90	14.0	3	0.5
WASHINGTON	2,512	31	1.2	365	14.5	1,303	51.9	442	17.6	370	14.7	1	0.0
WAYNE	469	6	1.3	70	14.9	242	51.6	87	18.6	63	13.4	1	0.2
WESTMORELAND	4,397	44	1.0	439	10.0	2,403	54.7	750	17.1	752	17.1	9	0.2
WYOMING	370	4	1.1	63	17.0	197	53.2	54	14.6	52	14.1	0	-
YORK	4,262	81	1.9	639	15.0	2,288	53.7	638	15.0	609	14.3	7	0.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-28
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
ALL COUNTIES	156,799	122,868	78.4	6,732	5.5	116,121	94.5	32,735	20.9	11,464	35.0	21,260	64.9
ADAMS	994	829	83.4	61	7.4	768	92.6	156	15.7	57	36.5	99	63.5
ALLEGHENY	17,555	13,907	79.2	450	3.2	13,454	96.7	3,629	20.7	1,154	31.8	2,474	68.2
ARMSTRONG	1,019	907	89.0	95	10.5	812	89.5	111	10.9	46	41.4	65	58.6
BEAVER	2,356	1,928	81.8	107	5.5	1,821	94.5	412	17.5	138	33.5	274	66.5
BEDFORD	523	422	80.7	46	10.9	376	89.1	53	10.1	21	39.6	32	60.4
BERKS	4,103	3,261	79.5	209	6.4	3,052	93.6	842	20.5	311	36.9	531	63.1
BLAIR	1,741	1,390	79.8	113	8.1	1,277	91.9	351	20.2	146	41.6	205	58.4
BRADFORD	888	666	75.0	60	9.0	606	91.0	152	17.1	50	32.9	102	67.1
BUCKS	7,081	6,241	88.1	217	3.5	6,023	96.5	828	11.7	297	35.9	530	64.0
BUTLER	1,989	1,789	89.9	74	4.1	1,715	95.9	195	9.8	68	34.9	127	65.1
CAMBRIA	2,064	1,778	86.1	125	7.0	1,653	93.0	285	13.8	124	43.5	161	56.5
CAMERON	103	78	75.7	8	10.3	70	89.7	25	24.3	13	52.0	12	48.0
CARBON	569	455	80.0	39	8.6	416	91.4	114	20.0	45	39.5	69	60.5
CENTRE	1,290	1,156	89.6	90	7.8	1,066	92.2	131	10.2	57	43.5	74	56.5
CHESTER	4,809	4,108	85.4	161	3.9	3,945	96.0	683	14.2	235	34.4	448	65.6
CLARION	554	493	89.0	48	9.7	444	90.1	61	11.0	21	34.4	40	65.6
CLEARFIELD	1,060	899	84.8	91	10.1	808	89.9	160	15.1	76	47.5	84	52.5
CLINTON	502	419	83.5	47	11.2	372	88.8	82	16.3	41	50.0	41	50.0
COLUMBIA	763	663	86.9	68	10.3	595	89.7	99	13.0	34	34.3	65	65.7
CRAWFORD	1,235	1,066	86.3	64	6.0	1,002	94.0	163	13.2	54	33.1	109	66.9
CUMBERLAND	2,141	1,876	87.5	83	4.4	1,793	95.6	265	12.4	106	40.0	159	60.0
DAUPHIN	3,212	2,314	72.0	112	4.8	2,202	95.2	896	27.9	331	36.9	565	63.1
DELAWARE	7,892	6,419	81.3	193	3.0	6,225	97.0	1,464	18.3	501	34.2	963	65.8
ELK	516	445	86.2	33	7.4	412	92.6	70	13.6	35	50.0	35	50.0
ERIE	4,156	3,246	78.1	199	6.1	3,047	93.9	887	21.3	323	36.4	564	63.6
FAYETTE	1,969	1,585	80.5	174	11.0	1,411	89.0	384	19.5	155	40.4	229	59.6
FOREST	68	53	77.9	2	3.8	51	96.2	14	20.6	4	28.6	10	71.4
FRANKLIN	1,495	1,229	82.2	105	8.5	1,123	91.4	186	12.4	82	44.1	104	55.9
FULTON	186	149	80.1	24	16.1	125	83.9	22	11.8	10	45.5	12	54.5
GREENE	521	442	84.8	57	12.9	385	87.1	77	14.8	34	44.2	43	55.8
HUNTINGDON	543	454	83.6	44	9.7	410	90.3	88	16.2	38	43.2	50	56.8
INDIANA	1,176	1,062	90.3	83	7.8	979	92.2	112	9.5	44	39.3	68	60.7
JEFFERSON	667	582	87.3	58	10.0	524	90.0	85	12.7	34	40.0	51	60.0
JUNIATA	271	228	84.1	23	10.1	205	89.9	43	15.9	21	48.8	22	51.2
LACKAWANNA	2,711	2,302	84.9	112	4.9	2,190	95.1	408	15.0	142	34.8	266	65.2

(CONTINUED)

TABLE B-28
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER AND COUNTY
NUMBER AND PERCENT: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	MARRIED						UNMARRIED					
				AGE OF MOTHER (IN YEARS)						AGE OF MOTHER (IN YEARS)			
		TOTAL MARRIED		19 & UNDER		OVER 19		TOTAL UNMARRIED		19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
LANCASTER	5,889	5,017	85.2	226	4.5	4,791	95.5	869	14.8	336	38.7	533	61.3
LAWRENCE	1,274	1,023	80.3	72	7.0	950	92.9	181	14.2	62	34.3	119	65.7
LEBANON	1,443	1,229	85.2	76	6.2	1,153	93.8	212	14.7	82	38.7	130	61.3
LEHIGH	3,475	2,898	83.4	113	3.9	2,785	96.1	574	16.5	207	36.1	367	63.9
LUZERNE	3,713	3,178	85.6	213	6.7	2,965	93.3	533	14.4	198	37.1	334	62.7
LYCOMING	1,639	1,302	79.4	115	8.8	1,187	91.2	332	20.3	135	40.7	197	59.3
MCKEAN	644	461	71.6	36	7.8	425	92.2	102	15.8	41	40.2	61	59.8
MERCER	1,420	1,148	80.8	86	7.5	1,062	92.5	243	17.1	78	32.1	165	67.9
MIFFLIN	612	524	85.6	53	10.1	471	89.9	87	14.2	34	39.1	53	60.9
MONROE	860	731	85.0	46	6.3	685	93.7	125	14.5	45	36.0	80	64.0
MONTGOMERY	8,634	7,701	89.2	173	2.2	7,528	97.8	928	10.7	303	32.7	625	67.3
MONTOUR	241	219	90.9	15	6.8	204	93.2	22	9.1	8	36.4	14	63.6
NORTHAMPTON	2,662	2,180	81.9	117	5.4	2,063	94.6	478	18.0	178	37.2	300	62.8
NORTHUMBERLAND	1,214	1,040	85.7	110	10.6	930	89.4	174	14.3	72	41.4	102	58.6
PERRY	506	437	86.4	40	9.2	397	90.8	69	13.6	22	31.9	47	68.1
PHILADELPHIA	24,979	13,271	53.1	602	4.5	12,665	95.4	11,680	46.8	3,869	33.1	7,803	66.8
PIKE	226	138	61.1	7	5.1	131	94.9	19	8.4	4	21.1	15	78.9
POTTER	296	212	71.6	18	8.5	194	91.5	52	17.6	16	30.8	36	69.2
SCHUYLKILL	1,756	1,477	84.1	131	8.9	1,346	91.1	277	15.8	124	44.8	153	55.2
SNYDER	492	457	92.9	51	11.2	406	88.8	35	7.1	21	60.0	14	40.0
SOMERSET	1,009	859	85.1	106	12.3	753	87.7	115	11.4	38	33.0	77	67.0
SULLIVAN	52	41	78.8	2	4.9	39	95.1	11	21.2	5	45.5	6	54.5
SUSQUEHANNA	574	318	55.4	42	13.2	276	86.8	75	13.1	24	32.0	51	68.0
TIOGA	510	376	73.7	52	13.8	324	86.2	76	14.9	27	35.5	49	64.5
UNION	481	433	90.0	35	8.1	397	91.7	48	10.0	17	35.4	31	64.6
VENANGO	820	690	84.1	48	7.0	642	93.0	128	15.6	45	35.2	83	64.8
WARREN	641	484	75.5	30	6.2	454	93.8	83	12.9	31	37.3	52	62.7
WASHINGTON	2,512	2,143	85.3	135	6.3	2,008	93.7	361	14.4	137	38.0	224	62.0
WAYNE	469	409	87.2	29	7.1	380	92.9	54	11.5	15	27.8	39	72.2
WESTMORELAND	4,397	3,913	89.0	250	6.4	3,663	93.6	483	11.0	166	34.4	317	65.6
WYOMING	370	312	84.3	20	6.4	292	93.6	58	15.7	23	39.7	35	60.3
YORK	4,262	3,406	79.9	208	6.1	3,198	93.9	718	16.8	253	35.2	465	64.8

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH COUNTY.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH COUNTY.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH COUNTY.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

TABLE B-29
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	156,799	117,806	75.1	24,773	15.8	4,917	3.1	8,141	5.2	1,162	0.7
ADAMS	994	840	84.5	118	11.9	16	1.6	16	1.6	4	0.4
ALLEGHENY	17,555	14,809	84.4	2,189	12.5	316	1.8	111	0.6	130	0.7
ARMSTRONG	1,019	728	71.4	250	24.5	36	3.5	2	0.2	3	0.3
BEAVER	2,356	1,917	81.4	315	13.4	56	2.4	41	1.7	27	1.1
BEDFORD	523	364	69.6	109	20.8	23	4.4	25	4.8	2	0.4
BERKS	4,103	2,965	72.3	844	20.6	187	4.6	69	1.7	38	0.9
BLAIR	1,741	1,359	78.1	304	17.5	59	3.4	6	0.3	13	0.7
BRADFORD	888	645	72.6	173	19.5	52	5.9	15	1.7	3	0.3
BUCKS	7,081	5,789	81.8	823	11.6	186	2.6	238	3.4	45	0.6
BUTLER	1,989	1,600	80.4	278	14.0	65	3.3	38	1.9	8	0.4
CAMBRIA	2,064	1,666	80.7	344	16.7	39	1.9	9	0.4	6	0.3
CAMERON	103	87	84.5	13	12.6	0	-	2	1.9	1	1.0
CARBON	569	418	73.5	100	17.6	22	3.9	26	4.6	3	0.5
CENTRE	1,290	962	74.6	257	19.9	50	3.9	6	0.5	15	1.2
CHESTER	4,809	3,671	76.3	880	18.3	154	3.2	66	1.4	38	0.8
CLARION	554	461	83.2	69	12.5	20	3.6	3	0.5	1	0.2
CLEARFIELD	1,060	814	76.8	206	19.4	30	2.8	6	0.6	4	0.4
CLINTON	502	381	75.9	91	18.1	24	4.8	5	1.0	1	0.2
COLUMBIA	763	607	79.6	87	11.4	20	2.6	45	5.9	4	0.5
CRAWFORD	1,235	962	77.9	193	15.6	42	3.4	29	2.3	9	0.7
CUMBERLAND	2,144	1,565	73.0	322	15.0	62	2.9	188	8.8	7	0.3
DAUPHIN	3,212	2,084	64.9	599	18.6	134	4.2	372	11.6	23	0.7
DELAWARE	7,892	6,538	82.8	859	10.9	173	2.2	279	3.5	43	0.5
ELK	516	458	88.8	50	9.7	4	0.8	3	0.6	1	0.2
ERIE	4,158	2,675	64.3	551	13.3	140	3.4	764	18.4	28	0.7
FAYETTE	1,969	1,479	75.1	371	18.8	67	3.4	42	2.1	10	0.5
FOREST	68	51	75.0	16	23.5	1	1.5	0	-	0	-
FRANKLIN	1,495	1,108	74.1	318	21.3	57	3.8	10	0.7	2	0.1
FULTON	186	133	71.5	44	23.7	7	3.8	1	0.5	1	0.5
GREENE	521	401	77.0	91	17.5	19	3.6	7	1.3	3	0.6
HUNTINGDON	543	399	73.5	116	21.4	17	3.1	8	1.5	3	0.6
INDIANA	1,176	998	84.9	144	12.2	21	1.8	7	0.6	6	0.5
JEFFERSON	667	565	84.7	77	11.5	14	2.1	8	1.2	3	0.4
JUNIATA	271	202	74.5	58	21.4	5	1.8	5	1.8	1	0.4
LACKAWANNA	2,711	2,317	85.5	337	12.4	28	1.0	13	0.5	16	0.6

(CONTINUED)

TABLE B-29
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,889	4,538	77.1	1,052	17.9	227	3.9	48	0.8	24	0.4
LAWRENCE	1,274	352	27.6	65	5.1	11	0.9	841	66.0	5	0.4
LEBANON	1,443	1,090	75.5	232	16.1	32	2.2	77	5.3	12	0.8
LEHIGH	3,475	2,764	79.5	364	10.5	78	2.2	245	7.1	24	0.7
LUZERNE	3,713	2,945	79.3	575	15.5	101	2.7	74	2.0	18	0.5
LYCOMING	1,639	1,219	74.4	359	21.9	34	2.1	23	1.4	4	0.2
MCKEAN	644	462	71.7	154	23.9	16	2.5	10	1.6	2	0.3
MERCER	1,420	1,014	71.4	307	21.6	65	4.6	30	2.1	4	0.3
MIFFLIN	612	485	79.2	76	12.4	45	7.4	4	0.7	2	0.3
MONROE	860	656	76.3	149	17.3	35	4.1	14	1.6	6	0.7
MONTGOMERY	8,634	7,141	82.7	995	11.5	196	2.3	265	3.1	37	0.4
MONTOUR	241	192	79.7	37	15.4	9	3.7	2	0.8	1	0.4
NORTHAMPTON	2,662	2,165	81.3	303	11.4	62	2.3	111	4.2	21	0.8
NORTHUMBERLAND	1,214	907	74.7	245	20.2	35	2.9	19	1.6	8	0.7
PERRY	506	344	68.0	108	21.3	21	4.2	32	6.3	1	0.2
PHILADELPHIA	24,979	14,835	59.4	5,138	20.6	1,269	5.1	3,390	13.6	347	1.4
PIKE	226	182	80.5	34	15.0	6	2.7	1	0.4	3	1.3
POTTER	296	214	72.3	51	17.2	12	4.1	17	5.7	2	0.7
SCHUYLKILL	1,756	1,406	80.1	241	13.7	52	3.0	30	1.7	27	1.5
SNYDER	492	346	70.3	109	22.2	33	6.7	1	0.2	3	0.6
SOMERSET	1,009	787	78.0	170	16.8	34	3.4	12	1.2	6	0.6
SULLIVAN	52	35	67.3	13	25.0	0	-	2	3.8	2	3.8
SUSQUEHANNA	574	387	67.4	137	23.9	34	5.9	11	1.9	5	0.9
TIOGA	510	362	71.0	109	21.4	14	2.7	23	4.5	2	0.4
UNION	481	358	74.4	86	17.9	27	5.6	8	1.7	2	0.4
VENANGO	820	701	85.5	97	11.8	13	1.6	5	0.6	4	0.5
WARREN	641	520	81.1	89	13.9	16	2.5	11	1.7	5	0.8
WASHINGTON	2,512	1,827	72.7	484	19.3	89	3.5	83	3.3	29	1.2
WAYNE	469	374	79.7	78	16.6	9	1.9	7	1.5	1	0.2
WESTMORELAND	4,397	3,407	77.5	665	15.1	96	2.2	202	4.6	27	0.6
WYOMING	370	280	75.7	72	19.5	11	3.0	4	1.1	3	0.8
YORK	4,262	3,493	82.0	583	13.7	89	2.1	74	1.7	23	0.5

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

TABLE B-30
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY
PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
ALL COUNTIES	156,799	151,067	3,258	51	138	848	1,150	238	49
ADAMS	994	974	2	0	0	2	15	1	0
ALLEGHENY	17,555	17,372	123	1	2	33	17	7	0
ARMSTRONG	1,019	1,013	4	0	0	1	1	0	0
BEAVER	2,356	2,336	1	4	5	8	0	1	1
BEDFORD	523	516	6	0	0	1	0	0	0
BERKS	4,103	3,750	203	1	10	72	55	5	7
BLAIR	1,741	1,728	4	0	0	2	2	5	0
BRADFORD	888	727	156	0	0	1	0	1	3
BUCKS	7,081	6,936	44	1	3	43	38	14	2
BUTLER	1,989	1,973	2	3	0	3	5	3	0
CAMBRIA	2,064	2,052	7	1	0	3	1	0	0
CAMERON	103	102	0	0	0	0	0	1	0
CARBON	569	562	3	1	0	1	2	0	0
CENTRE	1,290	1,241	18	1	4	3	19	3	1
CHESTER	4,809	4,507	163	1	0	33	100	4	1
CLARION	554	539	5	0	0	0	5	4	1
CLEARFIELD	1,060	1,056	1	0	0	1	0	2	0
CLINTON	502	363	119	0	1	1	18	0	0
COLUMBIA	763	755	1	1	0	2	3	1	0
CRAWFORD	1,235	1,212	0	0	0	2	17	3	1
CUMBERLAND	2,144	2,027	51	0	7	4	48	7	0
DAUPHIN	3,212	3,049	104	2	37	8	4	8	0
DELAWARE	7,892	7,697	153	0	3	6	31	2	0
ELK	516	516	0	0	0	0	0	0	0
ERIE	4,158	4,140	1	1	0	7	0	8	1
FAYETTE	1,969	1,959	2	1	1	3	2	1	0
FOREST	68	66	1	0	0	0	0	1	0
FRANKLIN	1,495	1,439	1	1	0	3	47	4	0
FULTON	186	184	0	0	0	0	2	0	0
GREENE	521	520	0	0	0	1	0	0	0
HUNTINGDON	543	432	105	0	1	0	5	0	0
INDIANA	1,176	1,140	3	0	0	3	4	26	0
JEFFERSON	667	647	17	0	1	1	0	1	0
JUNIATA	271	195	57	0	4	0	15	0	0
LACKAWANNA	2,711	2,627	74	3	0	4	2	1	0

(CONTINUED)

TABLE B-30
RESIDENT LIVE BIRTHS BY PLACE OF DELIVERY,
ATTENDANT AT BIRTH AND COUNTY
PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	HOSPITAL				NON-HOSPITAL			
		PHYSICIAN	MIDWIFE	OTHER	UNKNOWN	PHYSICIAN	MIDWIFE	OTHER	UNKNOWN
LANCASTER	5,889	5,202	5	0	0	394	256	31	1
LAWRENCE	1,274	1,262	0	0	0	5	6	1	0
LEBANON	1,443	1,375	4	0	0	51	4	4	5
LEHIGH	3,475	3,414	1	0	0	11	48	0	1
LUZERNE	3,713	3,400	295	1	0	13	2	1	1
LYCOMING	1,639	1,473	158	0	2	3	2	0	1
MCKEAN	644	641	0	0	0	2	0	1	0
MERCER	1,420	1,396	0	0	1	1	16	3	3
MIFFLIN	612	444	107	0	1	0	55	4	1
MONROE	860	830	1	0	0	12	11	5	1
MONTGOMERY	8,634	8,440	125	3	4	6	51	4	1
MONTOUR	241	233	1	0	0	1	6	0	0
NORTHAMPTON	2,662	2,625	3	0	0	9	25	0	0
NORTHUMBERLAND	1,214	1,203	4	0	1	1	5	0	0
PERRY	506	464	21	0	3	2	15	1	0
PHILADELPHIA	24,979	23,903	925	10	35	31	36	33	6
PIKE	226	190	33	0	0	1	1	1	0
POTTER	296	286	1	0	0	4	0	5	0
SCHUYLKILL	1,756	1,724	8	1	0	14	3	5	1
SNYDER	492	424	5	0	0	1	58	2	2
SOMERSET	1,009	983	7	0	0	8	5	6	0
SULLIVAN	52	47	5	0	0	0	0	0	0
SUSQUEHANNA	574	556	14	1	0	1	0	1	1
TIOGA	510	492	15	0	0	1	0	2	0
UNION	481	444	3	0	0	0	32	0	2
VENANGO	820	812	0	0	0	0	4	2	2
WARREN	641	631	0	2	0	0	4	2	2
WASHINGTON	2,512	2,489	1	2	9	4	2	5	0
WAYNE	469	401	60	1	0	4	2	1	0
WESTMORELAND	4,397	4,384	7	0	0	6	0	0	0
WYOMING	370	364	4	0	0	2	0	0	0
YORK	4,262	4,183	14	7	3	8	43	4	0

TABLE 8-31
RESIDENT LIVE BIRTHS BY TYPE OF MEDICAL CONDITION AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALL COUNTIES	156,799	38,555	24.6	6,110	3.9	27,992	17.9	641	0.4	1,311	0.8
ADAMS	994	199	20.0	37	3.7	129	13.0	3	0.3	4	0.4
ALLEGHENY	17,555	4,871	27.7	944	5.4	4,215	24.0	93	0.5	151	0.9
ARMSTRONG	1,019	221	21.7	32	3.1	287	28.2	13	1.3	23	2.3
BEAVER	2,356	734	31.2	51	2.2	625	26.5	9	0.4	57	2.4
BEDFORD	523	125	23.9	18	3.4	84	16.1	1	0.2	5	1.0
BERKS	4,103	1,453	35.4	257	6.3	1,366	33.3	25	0.6	46	1.1
BLAIR	1,741	477	27.4	24	1.4	264	15.2	1	0.1	16	0.9
BRADFORD	888	226	25.5	26	2.9	296	33.3	26	2.9	14	1.6
BUCKS	7,081	1,658	23.4	277	3.9	1,063	15.0	13	0.2	29	0.4
BUTLER	1,989	338	17.0	62	3.1	222	11.2	3	0.2	14	0.7
CAMBRIA	2,064	518	25.1	41	2.0	296	14.3	3	0.1	20	1.0
CAMERON	103	43	41.7	6	5.8	30	29.1	1	1.0	2	1.9
CARBON	569	184	32.3	30	5.3	119	20.9	6	1.1	9	1.6
CENTRE	1,290	147	11.4	30	2.3	112	8.7	3	0.2	8	0.6
CHESTER	4,809	996	20.7	116	2.4	729	15.2	4	0.1	22	0.5
CLARION	554	100	18.1	9	1.6	121	21.8	0	-	6	1.1
CLEARFIELD	1,060	203	19.2	22	2.1	191	18.0	5	0.5	11	1.0
CLINTON	502	86	17.1	5	1.0	81	16.1	3	0.6	8	1.6
COLUMBIA	763	130	17.0	15	2.0	86	11.3	1	0.1	4	0.5
CRAWFORD	1,235	200	16.2	23	1.9	173	14.0	3	0.2	14	1.1
CUMBERLAND	2,144	540	25.2	87	4.1	418	19.5	7	0.3	15	0.7
DAUPHIN	3,212	891	27.7	224	7.0	621	19.3	26	0.8	30	0.9
DELAWARE	7,892	2,063	26.1	265	3.4	1,149	14.6	10	0.1	40	0.5
ELK	516	107	20.7	12	2.3	110	21.3	1	0.2	7	1.4
ERIE	4,158	782	18.8	119	2.9	485	11.7	19	0.5	26	0.6
FAYETTE	1,969	326	16.6	18	0.9	251	12.7	1	0.1	10	0.5
FOREST	68	12	17.6	1	1.5	16	23.5	0	-	0	-
FRANKLIN	1,495	355	23.7	35	2.3	282	18.9	8	0.5	12	0.8
FULTON	186	26	14.0	9	4.8	26	14.0	0	-	1	0.5
GREENE	521	92	17.7	12	2.3	57	10.9	0	-	3	0.6
HUNTINGDON	543	140	25.8	19	3.5	86	15.8	3	0.6	2	0.4
INDIANA	1,176	216	18.4	16	1.4	312	26.5	1	0.1	8	0.7
JEFFERSON	667	124	18.6	26	3.9	123	18.4	2	0.3	12	1.8
JUNIATA	271	78	28.8	30	11.1	42	15.5	1	0.4	3	1.1
LACKAWANNA	2,711	454	16.7	47	1.7	320	11.8	3	0.1	20	0.7

(CONTINUED)

TABLE B-31
RESIDENT LIVE BIRTHS BY TYPE OF MEDICAL CONDITION AND COUNTY
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

COUNTY	TOTAL BIRTHS	COMPLICATIONS OF PREGNANCY		CONCURRENT ILLNESSES OR CONDITIONS		COMPLICATIONS OF LABOR OR DELIVERY		BIRTH INJURIES OF CHILD		CONGENITAL ANOMALIES	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
LANCASTER	5,889	910	15.5	142	2.4	749	12.7	14	0.2	60	1.0
LAWRENCE	1,274	182	14.3	20	1.6	123	9.7	3	0.2	11	0.9
LEBANON	1,443	346	24.0	57	4.0	326	22.6	6	0.4	15	1.0
LEHIGH	3,475	1,249	35.9	210	6.0	768	22.1	73	2.1	29	0.8
LUZERNE	3,713	617	16.6	72	1.9	856	23.1	5	0.1	35	0.9
LYCOMING	1,639	375	22.9	45	2.7	388	23.7	11	0.7	21	1.3
MCKEAN	644	116	18.0	9	1.4	109	16.9	1	0.2	5	0.8
MERCER	1,420	368	25.9	36	2.5	325	22.9	6	0.4	18	1.3
MIFFLIN	612	185	30.2	57	9.3	134	21.9	1	0.2	6	1.0
MONROE	860	138	16.0	13	1.5	124	14.4	1	0.1	10	1.2
MONTGOMERY	8,634	1,919	22.2	312	3.6	1,158	13.4	18	0.2	65	0.8
MONTOUR	241	31	12.9	2	0.8	20	8.3	1	0.4	1	0.4
NORTHAMPTON	2,662	503	18.9	73	2.7	318	11.9	15	0.6	18	0.7
NORTHUMBERLAND	1,214	269	22.2	28	2.3	151	12.4	10	0.8	12	1.0
PERRY	506	132	26.1	22	4.3	92	18.2	1	0.2	8	1.6
PHILADELPHIA	24,979	8,079	32.3	1,594	6.4	4,361	17.5	92	0.4	204	0.8
PIKE	226	24	10.6	2	0.9	20	8.8	0	-	1	0.4
POTTER	296	87	29.4	23	7.8	100	33.8	2	0.7	1	0.3
SCHUYLKILL	1,756	349	19.9	64	3.6	256	14.6	13	0.7	25	1.4
SNYDER	492	93	18.9	13	2.6	74	15.0	7	1.4	4	0.8
SOMERSET	1,009	193	19.1	12	1.2	132	13.1	3	0.3	7	0.7
SULLIVAN	52	11	21.2	5	9.6	13	25.0	2	3.8	0	-
SUSQUEHANNA	574	64	11.1	16	2.8	48	8.4	1	0.2	3	0.5
TIOGA	510	120	23.5	6	1.2	126	24.7	15	2.9	7	1.4
UNION	481	88	18.3	10	2.1	66	13.7	3	0.6	2	0.4
VENANGO	820	187	22.8	21	2.6	152	18.5	1	0.1	5	0.6
WARREN	641	60	9.4	4	0.6	37	5.8	4	0.6	5	0.8
WASHINGTON	2,512	565	22.5	68	2.7	379	15.1	3	0.1	12	0.5
WAYNE	469	90	19.2	10	2.1	54	11.5	4	0.9	4	0.9
WESTMORELAND	4,397	931	21.2	89	2.0	693	15.8	14	0.3	30	0.7
WYOMING	370	79	21.4	12	3.2	86	23.2	1	0.3	9	2.4
YORK	4,262	1,080	25.3	118	2.8	967	22.7	12	0.3	26	0.6

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED COUNTY.

NOTE: MORE THAN ONE TYPE OF MEDICAL CONDITION MAY BE REPORTED FOR A LIVE BIRTH.

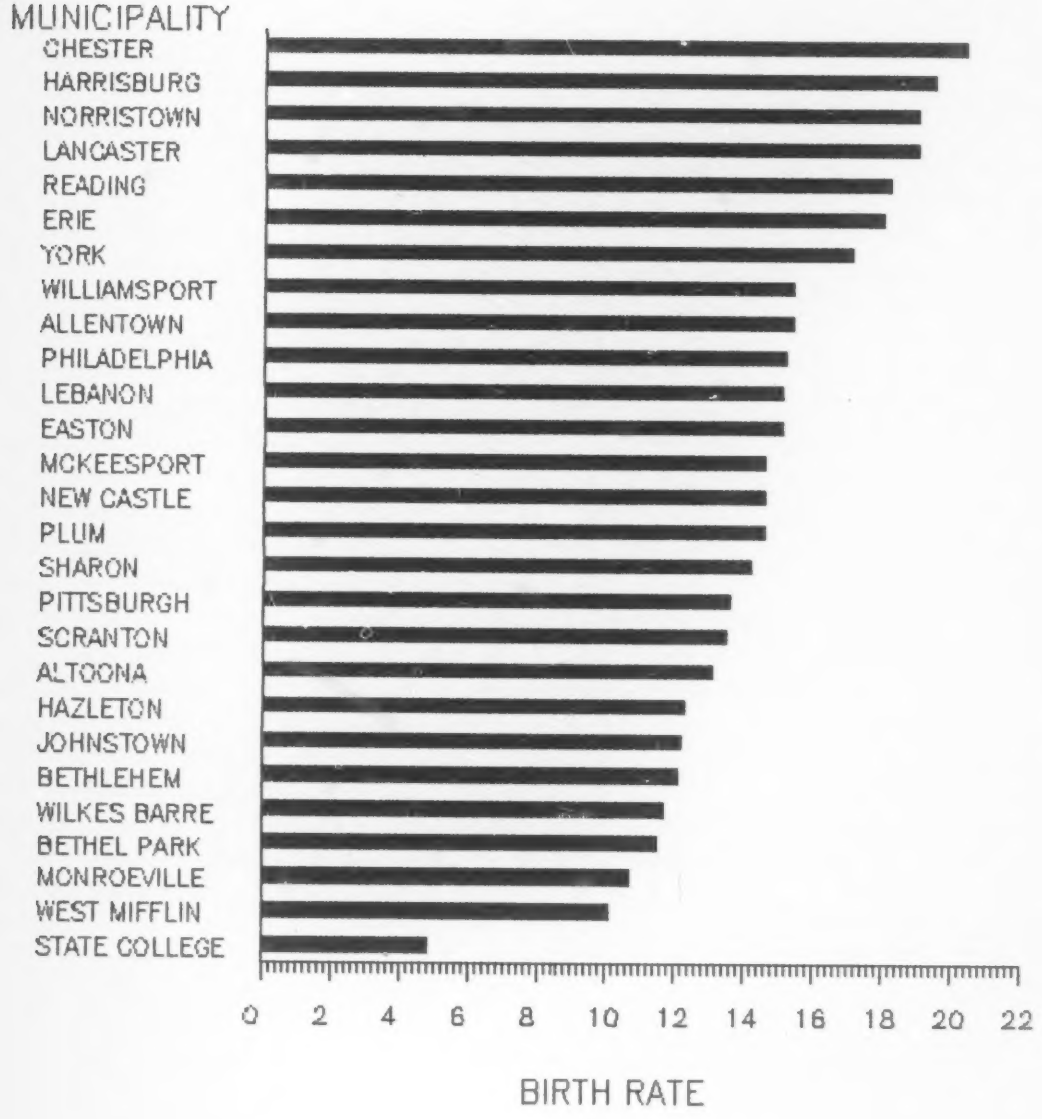
TABLE B-32
RESIDENT LIVE BIRTHS BY SEX, RACE AND SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

MUNICIPALITY	TOTAL BIRTHS	RATE*	WHITE			ALL OTHER		
			TOTAL	MALE**	FEMALE	TOTAL	MALE**	FEMALE
ALLENTOWN	1,599	15.4	1,459	758	701	140	78	62
ALTOONA	715	13.1	691	360	331	24	12	12
BETHEL PARK	396	11.5	382	180	202	14	8	6
BETHLEHEM	845	12.1	792	411	381	53	29	24
CHESTER	899	20.4	283	137	146	616	286	330
EASTON	393	15.1	328	176	152	65	41	24
ERIE	2,110	18.0	1,777	919	858	333	176	157
HARRISBURG	1,017	19.5	424	207	217	593	300	293
HAZLETON	322	12.3	318	159	159	4	3	1
JOHNSTOWN	403	12.2	355	177	178	48	26	22
LANCASTER	1,069	19.0	873	429	444	196	101	95
LEBANON	398	15.1	387	192	195	11	5	6
MCKEESPORT	422	14.6	316	159	157	106	50	56
MONROEVILLE	327	10.7	280	146	134	47	22	25
NEW CASTLE	470	14.6	412	201	211	58	36	22
NORRISTOWN	654	19.0	441	220	221	213	106	107
PHILADELPHIA	24,979	15.2	12,484	6,465	6,019	12,495	6,341	6,154
PITTSBURGH	5,493	13.6	3,430	1,759	1,671	2,063	1,031	1,032
PLUM	369	14.6	348	172	176	21	9	12
READING	1,423	18.2	1,195	613	582	228	116	112
SCRANTON	1,128	13.5	1,082	558	524	46	21	25
SHARON	241	14.2	215	99	116	26	13	13
STATE COLLEGE	164	4.8	140	72	68	24	16	8
WEST MIFFLIN	257	10.1	221	115	106	36	14	22
WILKES BARRE	577	11.7	546	271	275	31	17	14
WILLIAMSPORT	499	15.4	465	254	211	34	17	17
YORK	761	17.1	504	270	234	257	142	115

* RATE PER 1,000 POPULATION FOR EACH SPECIFIED MUNICIPALITY.
** UNKNOWN SEX OF CHILD INCLUDED IN THE MALE CATEGORY

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE B-8
RESIDENT LIVE BIRTH RATES* BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1984



*RATE PER 1,000 POPULATION

TABLE B-33
RESIDENT LIVE BIRTHS BY AGE OF MOTHER AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1984

MUNICIPALITY	TOTAL BIRTHS	AGE OF MOTHER (IN YEARS)								
		UNDER 15	15-19	20-24	25-29	30-34	35-39	40-44	45 AND OVER	UNKNOWN AGE
ALLENTOWN	1,599	7	196	521	518	287	63	7	0	0
ALTOONA	715	2	113	232	218	113	34	3	0	0
BETHEL PARK	396	0	9	45	177	124	39	2	0	0
BETHLEHEM	845	1	110	261	274	152	40	7	0	0
CHESTER	899	10	224	301	238	105	20	1	0	0
EASTON	393	1	61	139	121	53	16	2	0	0
ERIE	2,110	6	300	650	710	345	87	11	1	0
HARRISBURG	1,017	16	223	338	255	135	46	4	0	0
HAZLETON	322	0	37	103	103	57	19	3	0	0
JOHNSTOWN	403	0	71	149	116	51	8	0	0	0
LANCASTER	1,069	7	213	363	303	140	38	5	0	0
LEBANON	398	1	54	180	96	55	11	1	0	0
MCKEESPORT	422	0	56	151	125	72	14	4	0	0
MONROEVILLE	327	0	13	44	133	94	43	0	0	0
NEW CASTLE	470	1	65	173	142	67	20	2	0	0
NORRISTOWN	654	5	82	201	237	100	26	3	0	0
PHILADELPHIA	24,979	120	4,356	7,715	7,497	3,958	1,147	167	2	17
PITTSBURGH	5,493	24	744	1,656	1,752	993	281	37	2	4
PLUM	369	0	7	56	168	114	20	4	0	0
READING	1,423	6	290	530	365	159	65	7	1	0
SCRANTON	1,128	0	131	358	371	188	66	13	1	0
SHARON	241	1	23	101	64	40	11	1	0	0
STATE COLLEGE	164	0	8	37	49	53	12	5	0	0
WEST MIFFLIN	257	1	18	72	98	54	12	1	1	0
WILKES BARRE	577	1	75	168	183	111	34	5	0	0
WILLIAMSPORT	499	1	91	165	144	72	24	2	0	0
YORK	761	7	167	262	206	97	21	1	0	0

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-34
RESIDENT LIVE BIRTHS BY BIRTH WEIGHT AND SELECTED MUNICIPALITIES
NUMBER AND PERCENT*: PENNSYLVANIA, 1984

MUNICIPALITY	TOTAL BIRTHS	BIRTH WEIGHT											
		0-1499 GRAMS		1500-2499 GRAMS		2500-3499 GRAMS		3500-4499 GRAMS		4500 GRAMS AND OVER		UNKNOWN WEIGHT	
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALLENTOWN	1,599	21	1.3	98	6.1	831	52.0	618	38.6	30	1.9	1	0.1
ALTOONA	715	8	1.1	27	3.8	401	56.1	263	36.8	15	2.1	1	0.1
BETHEL PARK	396	1	0.3	20	5.1	219	55.3	146	36.9	10	2.5	0	-
BETHLEHEM	845	9	1.1	50	5.9	454	53.7	320	37.9	11	1.3	1	0.1
CHESTER	899	16	1.8	72	8.0	548	61.0	254	28.3	9	1.0	0	-
EASTON	393	4	1.0	21	5.3	203	51.7	156	39.7	8	2.0	1	0.3
ERIE	2,110	29	1.4	125	5.9	1,127	53.4	790	37.4	37	1.8	2	0.1
HARRISBURG	1,017	18	1.8	78	7.7	611	60.1	294	28.9	15	1.5	1	0.1
HAZLETON	322	2	0.6	14	4.3	176	54.7	125	38.8	5	1.6	0	-
JOHNSTOWN	403	5	1.2	28	6.9	238	59.1	126	31.3	6	1.5	0	-
LANCASTER	1,069	6	0.6	66	6.2	599	56.0	382	35.7	16	1.5	0	-
LEBANON	398	9	2.3	25	6.3	200	50.3	151	37.9	13	3.3	0	-
MCKEESPORT	422	7	1.7	33	7.8	237	56.2	134	31.8	11	2.6	0	-
MONROEVILLE	327	5	1.5	10	3.1	175	53.5	128	39.1	8	2.4	1	0.3
NEW CASTLE	470	14	3.0	21	4.5	264	56.2	169	36.0	2	0.4	0	-
NORRISTOWN	654	10	1.5	50	7.6	368	56.3	218	33.3	7	1.1	1	0.2
PHILADELPHIA	24,979	524	2.1	2,039	8.2	14,478	58.0	7,625	30.5	299	1.2	14	0.1
PITTSBURGH	5,493	110	2.0	378	6.9	3,074	56.0	1,851	33.7	76	1.4	4	0.1
PLUM	369	6	1.6	13	3.5	173	46.9	167	45.3	10	2.7	0	-
READING	1,423	25	1.8	91	6.4	771	54.2	506	35.6	29	2.0	1	0.1
SCRANTON	1,128	17	1.5	52	4.6	613	54.3	421	37.3	25	2.2	0	-
SHARON	241	3	1.2	16	6.6	127	52.7	91	37.8	4	1.7	0	-
STATE COLLEGE	164	1	0.6	12	7.3	78	47.6	67	40.9	6	3.7	0	-
WEST MIFFLIN	257	5	1.9	8	3.1	152	59.1	87	33.9	5	1.9	0	-
WILKES BARRE	577	4	0.7	31	5.4	295	51.1	235	40.7	11	1.9	1	0.2
WILLIAMSPORT	499	5	1.0	23	4.6	271	54.3	187	37.5	13	2.6	0	-
YORK	761	19	2.5	51	6.7	414	54.4	267	35.1	10	1.3	0	-

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SPECIFIED MUNICIPALITY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.
LOW BIRTH WEIGHT IS DEFINED AS 2499 GRAMS AND LESS.

TABLE B-35
RESIDENT LIVE BIRTHS BY MARITAL STATUS OF MOTHER
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT: PENNSYLVANIA, 1984

MUNICIPALITY	TOTAL BIRTHS	MARRIED						UNMARRIED					
		TOTAL MARRIED		AGE OF MOTHER (IN YEARS)				TOTAL UNMARRIED		AGE OF MOTHER (IN YEARS)			
				19 & UNDER		OVER 19				19 & UNDER		OVER 19	
		NUMBER	PERCENT*	NUMBER	PERCENT**	NUMBER	PERCENT**	NUMBER	PERCENT*	NUMBER	PERCENT***	NUMBER	PERCENT***
ALLENTOWN	1,599	1,177	73.6	59	5.0	1,118	95.0	420	26.3	144	34.3	276	65.7
ALTOONA	715	545	76.2	55	10.1	490	89.9	170	23.8	60	35.3	110	64.7
BETHEL PARK	396	382	96.5	4	1.0	378	99.0	14	3.5	5	35.7	9	64.3
BETHLEHEM	845	663	78.5	41	6.2	622	93.8	181	21.4	69	38.1	112	61.9
CHESTER	899	329	36.6	24	7.3	305	92.7	569	63.3	210	36.9	359	63.1
EASTON	393	265	67.4	17	6.4	248	93.6	126	32.1	45	35.7	81	64.3
ERIE	2,110	1,491	70.7	96	6.4	1,395	93.6	615	29.1	210	34.1	405	65.9
HARRISBURG	1,017	437	43.0	30	6.9	407	93.1	578	56.8	209	36.2	369	63.8
HAZLETON	322	279	86.6	18	6.5	261	93.5	43	13.4	19	44.2	24	55.8
JOHNSTOWN	403	296	73.4	29	9.8	267	90.2	106	26.3	42	39.6	64	60.4
LANCASTER	1,069	607	56.8	40	6.6	567	93.4	461	43.1	180	39.0	281	61.0
LEBANON	398	294	73.9	24	8.2	270	91.8	104	26.1	31	29.8	73	70.2
MCKEESPORT	422	282	66.8	23	8.2	259	91.8	140	33.2	33	23.6	107	76.4
MONROEVILLE	327	297	90.8	3	1.0	294	99.0	29	8.9	10	34.5	19	65.5
NEW CASTLE	470	324	68.9	27	8.3	297	91.7	112	23.8	38	33.9	74	66.1
NORRISTOWN	654	424	64.8	18	4.2	406	95.8	229	35.0	69	30.1	160	69.9
PHILADELPHIA	24,979	13,271	53.1	602	4.5	12,665	95.4	11,680	46.8	3,869	33.1	7,803	66.8
PITTSBURGH	5,483	3,481	63.4	140	4.0	3,340	95.9	2,001	36.4	625	31.2	1,375	68.7
PLUM	369	352	95.4	4	1.1	348	98.9	17	4.6	3	17.6	14	82.4
READING	1,423	864	60.7	99	11.5	765	88.5	559	39.3	197	35.2	362	64.8
SCRANTON	1,128	887	78.6	52	5.9	835	94.1	240	21.3	79	32.9	161	67.1
SHARON	241	165	68.5	5	3.0	160	97.0	69	28.6	19	27.5	50	72.5
STATE COLLEGE	164	149	90.9	6	4.0	143	96.0	14	8.5	2	14.3	12	85.7
WEST MIFFLIN	257	217	84.4	4	1.8	213	98.2	40	15.6	15	37.5	25	62.5
WILKES BARRE	577	441	76.4	27	6.1	414	93.9	134	23.2	49	36.6	85	63.4
WILLIAMSPORT	499	352	70.5	35	9.9	317	90.1	145	29.1	57	39.3	88	60.7
YORK	761	403	53.0	36	8.9	367	91.1	353	46.4	137	38.8	216	61.2

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH MUNICIPALITY.
** PERCENT OF TOTAL LIVE BIRTHS TO MARRIED MOTHERS FOR EACH MUNICIPALITY.
*** PERCENT OF TOTAL LIVE BIRTHS TO UNMARRIED MOTHERS FOR EACH MUNICIPALITY.
NOTE: UNKNOWN AGE OF MOTHER INCLUDED IN ALL TOTALS.
UNKNOWN MARITAL STATUS INCLUDED IN TOTAL BIRTHS.

SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE B-36
RESIDENT LIVE BIRTHS BY TRIMESTER OF 1ST PRENATAL VISIT
AND SELECTED MUNICIPALITIES, NUMBER AND PERCENT*: PENNSYLVANIA, 1984

MUNICIPALITY	TOTAL BIRTHS	TRIMESTER IN PREGNANCY								NO PRENATAL VISITS	
		FIRST		SECOND		THIRD		UNKNOWN			
		NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT	NUMBER	PERCENT
ALLENTOWN	1,599	1,169	73.0	244	15.3	49	3.1	122	7.6	16	1.0
ALTOONA	715	558	78.0	125	17.5	21	2.9	2	0.3	9	1.3
BETHEL PARK	396	381	96.2	14	3.5	0	-	1	0.3	0	-
BETHLEHEM	845	702	83.1	97	11.5	19	2.2	22	2.6	5	0.6
CHESTER	899	546	60.7	228	25.4	57	6.3	55	6.1	13	1.4
EASTON	393	275	70.0	68	17.3	13	3.3	30	7.6	7	1.8
ERIE	2,110	1,299	61.6	315	14.9	85	4.0	391	18.5	20	0.9
HARRISBURG	1,017	534	52.5	295	29.0	70	6.9	100	9.8	18	1.8
HAZLETON	322	261	81.1	49	15.2	3	0.9	9	2.8	0	-
JOHNSTOWN	403	303	75.2	87	21.6	10	2.5	0	-	3	0.7
LANCASTER	1,069	846	79.1	176	16.5	30	2.8	8	0.7	9	0.8
LEBANON	398	291	73.1	79	19.8	12	3.0	15	3.8	1	0.3
MCKEESPORT	422	265	62.8	115	27.3	27	6.4	10	2.4	5	1.2
MONROEVILLE	327	284	86.9	35	10.7	4	1.2	3	0.9	1	0.3
NEW CASTLE	470	80	17.0	6	1.3	2	0.4	381	81.1	1	0.2
NORRISTOWN	654	466	71.3	143	21.9	17	2.6	18	2.8	10	1.5
PHILADELPHIA	24,979	14,835	59.4	5,138	20.6	1,269	5.1	3,390	13.6	347	1.4
PITTSBURGH	5,493	4,433	80.7	845	15.4	124	2.3	32	0.6	59	1.1
PLUM	369	323	87.5	40	10.8	3	0.8	3	0.8	0	-
READING	1,423	839	59.0	428	30.1	115	8.1	17	1.2	24	1.7
SCRANTON	1,128	929	82.4	168	14.9	17	1.5	4	0.4	10	0.9
SHARON	241	141	58.5	83	34.4	14	5.8	2	0.8	1	0.4
STATE COLLEGE	164	116	70.7	39	23.8	4	2.4	1	0.6	4	2.4
WEST MIFFLIN	257	220	85.6	32	12.5	4	1.6	0	-	1	0.4
WILKES BARRE	577	439	76.1	105	18.2	24	4.2	3	0.5	6	1.0
WILLIAMSPORT	439	352	70.5	127	25.5	13	2.6	5	1.0	2	0.4
YORK	761	545	71.6	177	23.3	29	3.8	2	0.3	8	1.1

* PERCENT OF TOTAL LIVE BIRTHS FOR EACH SELECTED MUNICIPALITY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

Mortality Statistics

1984 MORTALITY STATISTICS

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HIGHLIGHTS
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THE STATE

In 1984, a total of 121,358 Pennsylvania residents died, a slight increase of 292 since 1983 but still the highest number since 1980. The death rate per 1,000 population remained at 10.2. Only minor fluctuations have occurred in the death rate over the past 40 years. Historically, Pennsylvania's total death rates have consistently been higher than those for the United States.

The median age at death continues to rise. It was 74.3 for Pennsylvania residents in 1984, compared to 73.1 in 1983, 70.9 in 1970 and 68.7 in 1960.

LEADING CAUSES OF DEATH:

The leading cause of death in Pennsylvania continued to be heart disease, which accounted for 48,645 or 40.1 percent of all deaths, the lowest percentage since 1952 when it was 39.8. The ranking of the four most frequent causes of death - heart disease, malignant neoplasms (cancer), cerebrovascular disease, and accidents has remained the same since 1950. Together, these four causes accounted for over 73 percent of the deaths in 1984. The fifth leading cause of death, chronic obstructive pulmonary disease, is a relatively new category that includes bronchitis, emphysema, asthma and allied conditions. The National Center for Health Statistics and numerous other states have been listing this category since the latest revision of the International Classification of Diseases took effect in 1979. Since the late 1970's, medical certifiers have begun using the term, chronic obstructive pulmonary disease, on certificates instead of a more specific diagnosis. And, for comparison with mortality statistics reported by other states and the United States, this new category was first introduced in the 1982 report. In 1984, it accounted for 3.0 percent of all deaths, compared to 2.9 in 1983 and 2.7 in 1982.

Among the causes ranked six through ten, there were three changes in the order from the 1983 list. Suicide moved from the tenth to the eighth leading cause of death. Atherosclerosis was eighth and Liver Disease/Cirrhosis was ninth in 1983. However, both dropped out of the top ten in 1984 making room for Nephritis/Nephrosis in ninth place and Septicemia in tenth place.

LEADING CAUSES OF DEATH BY AGE:

For children under 5 years of age, deaths in 1984 were due mainly to perinatal/early infancy conditions (44.9 percent), congenital anomalies/birth defects (21.8 percent) and accidents (6.4 percent).

For persons 5-24 years of age, accidents caused one-half of all deaths. Motor vehicle accidents alone accounted for 34.9 percent of the deaths, suicide for 13.2 percent, malignant neoplasms for 7.7 percent and homicide for 7.6 percent.

Approximately 21 percent of the deaths to persons 25-44 years of age were from accidents; 20.0 percent were from malignant neoplasms, 16.0 percent from heart disease and 10.1 percent from suicide.

For the age group 45-64, nearly 70 percent of the deaths were due to malignant neoplasms (34.7) and heart disease (34.7), with cerebrovascular disease a distant third at 4.1 percent.

Heart disease accounted for over 42 percent of deaths to persons 65-84 years of age, malignant neoplasms almost 24 percent and cerebrovascular disease for 7.2 percent.

For the age group 85 years and over, 50.3 percent of the deaths were from heart disease compared to 10.7 percent from malignant neoplasms, 10.5 percent from cerebrovascular disease and 4.5 percent from pneumonia and influenza.

LEADING CAUSES OF DEATH BY SEX:

Almost 1,300 males died as a result of motor vehicle accidents, compared to 545 females. Other causes with significant sex differences include suicide (1,092 males versus 316 females), homicide (408 males and 172 females) and pneumoconiosis (633 males and 3 females). There were no female-dominated causes with such dramatic sex difference, although females did outnumber males in causes such as cerebrovascular disease, diabetes mellitus, and atherosclerosis. It is interesting to note that the causes dominated by males were external causes of injury and poisoning, with the exception of pneumoconiosis which is an occupational disease. On the other hand, the female-dominated causes were all chronic diseases mainly associated with the elderly.

LEADING CAUSES OF DEATH BY RACE:

Over 41 percent of all whites died from heart disease, compared to almost 28 percent of all other races. The proportions dying from malignant neoplasms were very similar - 22.6 percent for whites and 22.8 percent for all others. Homicide, perinatal conditions and septicemia appear in the top ten leading causes for races other than white but not for whites. Instead, suicide, atherosclerosis and nephritis/nephrosis appear in the top ten leading causes of death among whites. Among races other than white aged 5-44, the leading cause was homicide; for whites in these ages, the leading cause was accidents. For the age group 45-64, the leading cause of death was heart disease for whites and malignant neoplasms for all other races.

CAUSES OF DEATH BY TYPE:

Infectious and Parasitic Diseases - These deaths occurred at a rate of 14.5 per 100,000 population in 1984 compared to 12.8 in 1983 and 11.9 in 1982. Over 77 percent of these deaths were from septicemia.

Malignant Neoplasms - The number of deaths from cancer increased in 1984 from 26,917 deaths in 1983 to 27,468 in 1984. Almost 60 percent of these deaths in 1984 were due to malignant neoplasms of the trachea, bronchus and lung (24.8 percent), colon (11.4 percent), female breast (9.0 percent), prostate (5.2 percent), pancreas (4.9 percent) and stomach (3.3 percent). The death rate for malignant neoplasms (230.8 per 100,000 population) was the highest rate ever recorded in Pennsylvania. The next highest was the rate of 226.3 recorded in 1983.

Endocrine, Nutritional and Metabolic Diseases and Immunity Disorders - Of the 3,308 deaths due to these diseases and immunity disorders in 1984, over 76 percent were from diabetes mellitus. The death rate for diabetes was 21.2 per 100,000 population compared to 20.0 in 1983 and 20.4 in 1982.

Circulatory System - The number of deaths due to these diseases decreased by 2.1 percent from 61,621 in 1983 to 60,357 in 1984. Over 54 percent of these deaths in 1984 were due to ischemic heart disease, including 17,930 deaths due to acute myocardial infarction compared to 18,540 in 1983. Another category, cerebrovascular disease, accounted for 8,334 deaths or 13.8 percent, only a very slight decrease of 50 deaths from the 1983 figure.

Respiratory System - Of the 8,372 deaths due to diseases of the respiratory system in 1984, 44.0 percent were due to chronic obstructive pulmonary disease and 34.5 percent to pneumonia and influenza. The number of deaths due to Coalworker's pneumoconiosis was 576, a slight increase from the 1983 figure of 562 but a decline from 1982 and 1981 when the numbers were 626 and 725, respectively.

Digestive System - The number of deaths due to diseases of the digestive system in 1984 was 3,975. Over 32 percent of these deaths were from chronic liver disease and cirrhosis.

Maternal Deaths - Deaths resulting from complications of pregnancy, childbirth and the puerperium numbered 12 or 0.8 per 10,000 live births, an increase of 2 deaths from 1983. Twelve maternal deaths also occurred in 1979 and 1980. The lowest number and rate occurred in 1981 (7 and 0.4).

External Causes of Injury and Poisoning - Of the 6,354 deaths in 1984 due to these causes, 65.8 percent were accidents. Approximately 44 percent of the accidents were motor vehicle accidents. The next highest number of deaths in this category was suicides - 1,408 or 11.8 per 100,000 population. Accidental falls accounted for 671 deaths and had a rate of 5.6 per 100,000 population. Homicides decreased from 611 in 1983 to 570 (4.8 per 100,000 population) in 1984, the lowest number and rate since 1969. Over half of the suicides and the homicides were due to firearms and explosives.

INFANT DEATHS:

There were 1,634 infant deaths (under 1 year of age) in 1984 for a rate of 10.4 per 1,000 live births, which is the lowest infant death number and rate ever recorded. Nearly seventy percent of these deaths occurred in the neonatal period (the first 27 days of life). The previous record low infant mortality rate and number occurred in 1983 (11.2 and 1,764). The low rate can be mainly accounted for by the decline in the number of infants succumbing to certain conditions originating in the perinatal period - 852 in 1984 compared to 1,194 in 1980.

Age at Death - The cause of deaths for infants varied according to the age at death. For neonatal deaths, 70.5 percent were the result of perinatal conditions and 23.5 percent were due to congenital anomalies/birth defects. For postneonatal deaths (28-364 days), 33.1 percent were the result of sudden infant death syndrome and 20.0 percent were due to congenital anomalies.

Perinatal Conditions - Of the 852 infant deaths due to perinatal conditions, 33.2 percent resulted from respiratory distress syndrome and other respiratory conditions of the newborn and 20.9 percent from disorders relating to short gestation and low birth weight.

Congenital Anomalies - Over 38 percent of the infant deaths in this category were due to congenital anomalies of the circulatory system. Nearly 16 percent were the result of anomalies of the nervous system, followed by anomalies of the respiratory system with 13.1 percent.

External Causes - Over 80 percent of the 47 infant deaths due to external causes of injury and poisoning occurred among postneonates (infants 28-364 days of age). Almost 75 percent of all these deaths were attributed to three causes - accidental submersion/suffocation, accidents caused by fire and flames, and homicide.

FETAL DEATHS:

NOTE: In Pennsylvania, a fetal death is required by law to be reported only if the gestational age of the fetus is more than 16 weeks. The data for fetal deaths in this report reflect this legal requirement.

The fetal death rate in 1984 was 19.6 per 1,000 deliveries, compared to 19.9 in 1983 and 19.4 in 1982. Over 42 percent of the reported fetal deaths were induced terminations of pregnancy.

Of the 1,809 fetal deaths excluding induced terminations, 33.7 percent were due to complications of the placenta, cord and membranes; 13.0 percent to maternal complications of pregnancy; and 10.3 percent to disorders relating to short gestation and low birth weight.

PENNSYLVANIA - U.S. DEATH RATES BY TYPE:

Pennsylvania's death rates due to heart disease and malignant neoplasms throughout the period 1950-1984 as compared to the rates for the United States are consistently higher. Pennsylvania had the third highest median age among states in the 1980 U.S. Census. Such an older age distribution is a major factor contributing to higher rates for chronic diseases such as heart disease and cancer. However, when comparing death rates for external causes for the same period, Pennsylvania's rates for accidents, suicides and homicides are consistently lower, especially for homicides. Comparison of death rates for pneumonia and influenza indicate very similar figures over these years. For all six causes, the trends over the thirty-five year period were similar for Pennsylvania and the United States.

DEATHS BY TYPE, AGE AND SEX:

Heart Disease - As can be expected, over 56 percent of these deaths were attributed to those 75 years of age and older. However, there were 55 deaths to children under 5 years old (47 were infants) compared to 16 for the 5-14 year age group and 47 for the 15-24 year olds. Half of the heart disease deaths to those 45-64 years of age were due to acute myocardial infarction compared to about one-third for those under 45 and over 64 years of age.

Malignant Neoplasms - Nearly 36 percent of the cancer deaths to persons 24 years of age and under were due to leukemia. The major site for cancer of those aged 25-44 was the bone, tissue, skin and breast. Malignant neoplasms of the digestive and respiratory systems were the major types of cancer for persons aged 45-74 years. Among those 75 and over, in addition to cancers of the digestive and respiratory systems, malignant neoplasms of the genitourinary system also became predominant. Among all cancer deaths, males accounted for slightly more deaths than females (52.9 percent versus 47.1 percent). However, there were considerably higher percentages of males among deaths due to malignant neoplasms of the respiratory system and the buccal cavity/pharynx. Females dominated only one major cancer site - bone, tissue, skin and breast.

Accidents - Over 44 percent of all accidental deaths were motor vehicle accidents. From age 5-74, motor vehicle accidents were the leading type of fatal accident. For children under five, the most prevalent type was fires. For the elderly, 75 years of age and over, falls were the leading cause of accidental death.

HEALTH SERVICE AREAS

Among the nine areas, the death rate per 1,000 population varied from 8.8 in Southcentral Pennsylvania to 12.7 in Northeast Pennsylvania. Southeastern Pennsylvania had the highest neonatal death rate (8.2 per 1,000 live births) followed closely by Southwestern Pennsylvania with a rate of 8.1, while NY-PENN had the lowest (4.0). Infant death rates ranged from 12.0 per 1,000 live births in Southeastern Pennsylvania to 7.3 in the NY-PENN area.

Northeast Pennsylvania with a heart disease death rate of 565.8 per 100,000 population was almost 40 percent higher than the state rate of 408.8 in 1984. The next highest were the Keystone and Southwestern Pennsylvania areas with rates 13.4 percent and 7.6 percent higher than the State, respectively. Southeastern and Southcentral areas had rates about 11 percent lower than the state rate.

Northeast Pennsylvania also had the highest cancer death rate in 1984 among the nine health service areas - 14.5 percent higher than the state rate. Southcentral Pennsylvania had a rate 15.5 percent lower than the state rate. The next lowest were NY-PENN and Central areas with rates approximately 9 percent lower than the State.

Two areas accounted for relatively high motor vehicle accidental death rates; NY-PENN and Central Pennsylvania had rates of 25.7 and 20.3, respectively. NY-PENN's rate was 65.8 percent higher than the state rate of 15.5. Three areas had rates that fell below the state rate - Southeastern, Keystone and Southcentral.

The Southeast area had the highest rate for septicemia deaths - 17.8 per 100,000 population, compared to the state rate of 11.2. Central Pennsylvania had the lowest rate among the health service areas - 6.3. Southeast Pennsylvania also had by far the highest homicide death rate (9.4) with the next highest being Southwest area with a rate of 3.7.

COUNTIES

NOTE: County by county comparisons should be made very cautiously. For example, Cameron County had the highest death rate and Centre County the lowest among the 67 counties. Cameron is a very small county and, therefore, prone to broad fluctuations in rates. (In 1983, Cameron had the third highest death rate and, in 1982, ranked nineteenth highest.) Centre County has the lowest median age in the State, which usually results in very low total death rates. See the "Reliability of Rates" section of the Technical Notes in the back of this report for more discussion of small area data analysis.

Five-year county death rates for 1980-1984 provide a more accurate description of the recent mortality experience in Pennsylvania's counties. The state/county map of these rates demonstrates that higher death rates occurred in the northeastern part of the state while relatively lower rates occurred in the southcentral part of the state.

The highest 1984 infant and neonatal death rates were in Somerset County, with a rate of 20.8 infant deaths per 1,000 live births and 14.9 neonatal deaths per 1,000 live births. The next highest rates occurred in Clinton County with rates of 15.9 and 12.0 for infant and neonatal deaths, respectively.

The five-year infant death rates for 1980-1984 displayed on a state map of the counties show that the metropolitan counties containing Philadelphia, Pittsburgh, Harrisburg and Erie as well as some isolated, small rural counties had the highest rates. Five-year neonatal death rates by county demonstrate similar patterns.

Three counties - Lackawanna, Luzerne, and Schuylkill - accounted for almost 70 percent of the deaths from pneumoconiosis.

Approximately half of the homicide deaths in Pennsylvania in 1984 were of residents of Philadelphia.

CITIES AND BOROUGHS

Of the 27 cities and boroughs examined, Wilkes-Barre, McKeesport, Hazleton and Scranton, had the highest death rates in 1984 - 16.8, 16.6, 16.5 and 16.2, respectively. Five-year summary death rates for 1980-1984 show the same four municipalities plus Johnstown with the highest death rates.

Hazleton and Chester had the highest infant death rates while West Mifflin and Hazleton had the highest neonatal death rates. Wilkes-Barre, Johnstown, Easton and Plum had the lowest infant death rates, ranging from 3.5 to 5.4 per 1,000 live births. Easton had no neonatal deaths. Comparing the five-year summary (1980-1984) infant death rates for the municipalities with the 1984 rates demonstrates the variability of the rates from year to year.

Chester and Harrisburg had the highest homicide death rates - 29.5 and 21.1, respectively. In comparison, the rate for Philadelphia was 17.5. Four municipalities experienced no homicides in 1984 - Bethel Park, Hazleton, State College and West Mifflin.

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YEAR	TOTAL DEATHS	LIVE BIRTHS	FETAL DEATHS	INFANT DEATHS	NEONATAL DEATHS	MATERNAL DEATHS
	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER	NUMBER
1984	121,358	156,799	3,141	1,634	1,129	12
1983	121,066	157,810	3,198	1,764	1,229	10
1982	118,450	161,561	3,193	1,853	1,320	8
1981	119,612	160,179	3,061	1,902	1,357	7
1980	123,233	158,670	3,455	2,095	1,529	12
1979	117,097	157,533	3,608	2,118	1,548	12
1978	119,279	151,438	4,034	2,031	1,540	19
1977	118,853	153,415	4,058	2,137	1,608	19
1976	120,882	148,004	4,349	2,276	1,746	26
1975	120,459	148,942	3,848	2,423	1,855	10
1974	122,943	151,458	4,372	2,584	2,013	11
1973	126,483	153,272	4,229	2,607	1,980	21
1972	127,136	163,110	3,768	2,912	2,244	20
1971	126,597	180,939	4,079	3,314	2,548	36
1970	126,564	192,154	4,495	3,879	3,027	40
1969	126,704	185,046	3,668	3,865	3,003	37
1968	130,802	185,729	3,539	4,015	3,154	33
1967	125,494	188,706	3,589	4,158	3,261	48
1966	126,820	195,869	3,765	4,323	3,354	50
1965	125,670	204,105	3,922	4,737	3,592	44
1964	123,845	218,515	4,258	5,029	3,869	62
1963	126,199	221,537	4,329	5,178	3,979	69
1962	122,989	226,393	4,398	5,370	4,135	60
1961	120,543	240,172	4,646	5,639	4,357	71
1960	121,163	241,099	4,525	5,921	4,557	76
1959	119,206	246,615	4,666	6,145	4,725	71
1958	118,360	249,810	4,901	6,360	4,918	86
1957	118,734	254,997	4,977	6,240	4,785	78
1956	114,578	248,019	4,861	6,086	4,667	90
1955	113,458	242,591	4,939	5,962	4,649	94
1954	108,783	245,521	4,931	6,123	4,686	103
1953	112,574	239,206	4,321	6,147	4,640	132
1952	111,156	239,964	4,584	6,273	4,589	147
1951	111,426	235,074	4,596	6,117	4,618	151
1950	110,212	221,635	4,418	6,126	4,578	170

TABLE C-2
RATES FOR RESIDENT DEATHS, LIVE BIRTHS, FETAL, INFANT, NEONATAL AND MATERNAL DEATHS: PENNSYLVANIA AND UNITED STATES, 1950-1984

YEAR	TOTAL DEATH RATE*		LIVE BIRTH RATE*		FETAL DEATH RATE*		INFANT DEATH RATE*		NEONATAL DEATH RATE*		MATERNAL DEATH RATE*	
	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.	PA	U.S.
1984	10.2	8.7**	13.2	15.7**	19.6	***	10.4	10.6**	7.2	6.9**	0.8	0.6**
1983	10.2	8.6	13.3	15.5	19.9	***	11.2	10.9	7.8	7.3	0.6	0.8
1982	10.0	8.5	13.6	15.9	19.4	***	11.5	11.5	8.2	7.7	0.5	0.8
1981	10.1	8.6	13.5	15.8	18.8	***	11.9	11.9	8.5	8.0	0.4	0.9
1980	10.4	8.8	13.4	15.9	21.3	***	13.2	12.6	9.6	8.5	0.8	0.9
1979	10.0	8.7	13.4	15.9	22.4	***	13.4	13.1	9.8	8.9	0.8	1.0
1978	10.2	8.8	12.9	15.3	25.9	***	13.4	13.8	10.2	9.5	1.3	1.0
1977	10.0	8.8	13.0	15.4	25.8	***	13.9	14.1	10.4	9.9	1.2	1.1
1976	10.2	8.9	12.5	14.8	28.5	***	15.4	15.2	11.8	10.9	1.8	1.2
1975	10.2	8.9	12.6	14.8	25.2	***	16.3	16.1	12.5	11.6	0.7	1.3
1974	10.4	9.2	12.8	14.9	28.1	***	17.1	16.7	13.3	12.3	0.7	1.5
1973	10.6	9.4	12.9	14.9	26.9	***	17.0	17.7	12.9	13.0	1.4	1.5
1972	10.7	9.4	13.7	15.6	22.6	***	17.9	18.5	13.8	13.6	1.2	1.9
1971	10.7	9.3	15.1	17.2	22.0	***	18.3	19.1	14.1	14.2	2.0	1.9
1970	10.7	9.5	16.3	18.4	22.9	***	20.2	20.0	15.8	15.1	2.1	2.2
1969	10.7	9.5	15.7	17.9	19.4	***	20.9	20.9	16.2	15.6	2.0	2.2
1968	11.1	9.7	15.8	17.6	18.7	***	21.6	21.8	17.0	16.1	1.8	2.5
1967	10.8	9.4	16.2	17.8	18.7	***	22.0	22.4	17.3	16.5	2.5	2.8
1966	10.9	9.5	16.8	18.4	18.9	***	22.1	23.7	17.1	17.2	2.5	2.9
1965	10.9	9.4	17.7	19.4	18.9	***	23.2	24.7	17.6	17.7	2.2	3.2
1964	10.8	9.4	19.1	21.1	19.1	***	23.0	24.8	17.7	17.9	2.8	3.3
1963	11.0	9.6	19.4	21.7	19.2	***	23.4	25.2	17.5	18.2	3.1	3.6
1962	10.8	9.5	19.9	22.4	19.1	***	23.7	25.3	18.2	18.3	2.7	3.5
1961	10.5	9.3	20.9	23.3	19.0	***	23.5	25.3	18.1	18.4	3.0	3.7
1960	10.7	9.5	21.3	23.7	18.4	***	24.6	26.0	18.9	18.7	3.2	3.7
1959	10.5	9.4	21.8	24.2	18.6	***	24.9	26.4	19.2	19.0	2.9	3.7
1958	10.7	9.5	22.5	24.5	19.2	***	25.5	27.1	19.7	19.5	3.4	3.8
1957	10.6	9.6	22.8	25.3	19.1	***	24.5	26.3	18.8	19.1	3.1	4.1
1956	10.3	9.4	22.3	25.2	19.2	***	24.5	26.0	18.8	18.9	3.6	4.1
1955	10.2	9.3	21.8	25.0	20.0	***	24.6	26.4	19.2	19.1	3.9	4.7
1954	10.0	9.2	22.5	25.3	19.7	***	24.9	26.6	19.1	19.1	4.2	5.2
1953	10.4	9.6	22.1	25.1	17.7	***	25.7	27.8	19.4	19.6	5.5	6.1
1952	10.4	9.6	22.4	25.1	18.7	***	26.1	28.4	19.1	19.8	6.1	6.8
1951	10.5	9.7	22.2	24.9	19.2	***	26.0	28.4	19.6	20.0	6.4	7.5
1950	10.5	9.6	21.1	24.1	19.5	***	27.6	29.2	20.6	20.5	7.7	8.3

* TOTAL DEATH AND LIVE BIRTH RATES PER 1,000 POPULATION.
FETAL DEATH RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).
INFANT AND NEONATAL DEATH RATE PER 1,000 LIVE BIRTHS.
MATERNAL DEATH RATE PER 10,000 LIVE BIRTHS.
** PROVISIONAL DATA.
***COMPARABLE UNITED STATES FETAL DEATH RATES ARE NOT AVAILABLE.

FIGURE C-1
DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

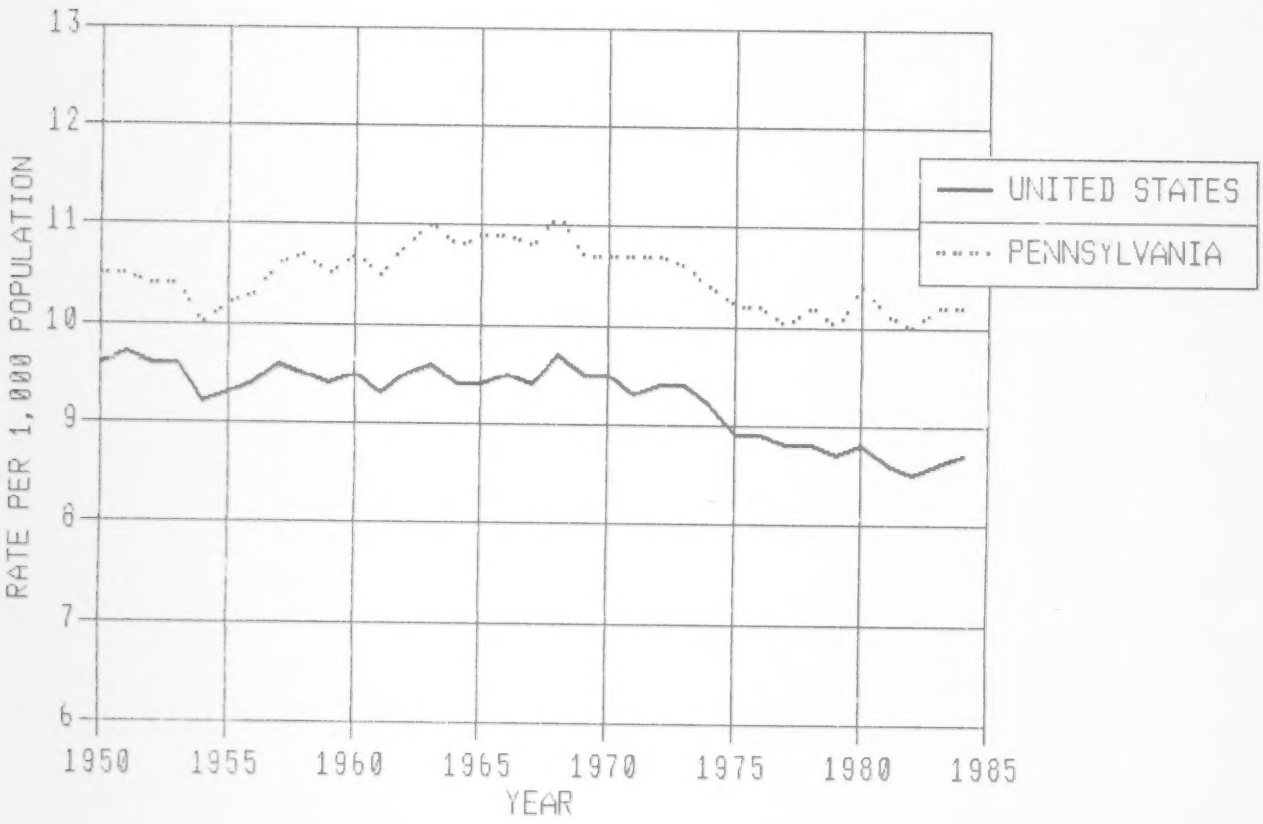


FIGURE C-2
INFANT DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

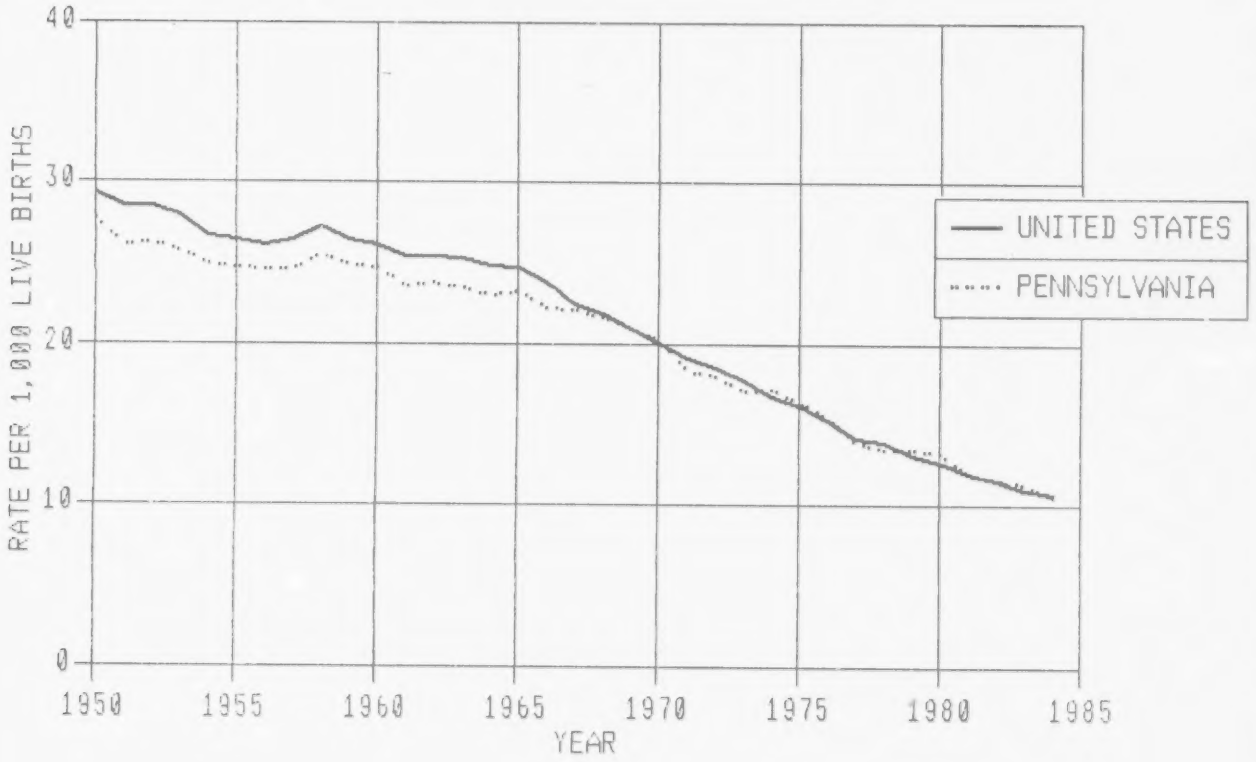


FIGURE C-3
NEONATAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

TABLE C-3
LEADING CAUSES OF DEATH:
PENNSYLVANIA, 1984, 1980, 1970, 1960, 1950, 1940, 1930

CAUSE OF DEATH	CODE NUMBER*	1984	RANK	1980	RANK	1970	RANK	1960	RANK	1950	RANK	1940	RANK	1930	RANK
ALL CAUSES		121,358		123,233		126,564		121,163		110,212		111,977		111,606	
HEART DISEASE	390-398, 402, 404-429	48,645	1	50,677	1	52,476	1	51,431	1	43,793	1	34,333	1	23,511	1
NEOPLASMS, MALIGNANT	140-208	27,468	2	26,040	2	22,013	2	19,612	2	16,326	2	13,055	2	9,672	4
CEREBROVASCULAR DIS.	430-438	8,334	3	9,539	3	12,573	3	12,632	3	11,043	3	8,857	4	8,619	5
ACCIDENTS, ALL FORMS	800-949	4,178	4	4,586	4	5,336	4	4,866	4	5,697	4	7,206	5	8,337	6
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	490-496	3,685	5	3,263	5	**		**		**		**		**	
PNEUMONIA AND INFLUENZA	480-487	2,885	6	2,869	6	3,466	5	3,889	5	3,116	6	6,712	6	11,285	2
DIABETES MELLITUS	250	2,521	7	2,599	7	2,619	6	2,779	8	2,418	10	3,617	9	2,159	9
SUICIDE	950-959	1,408	8	1,317	10	1,337	10	1,099		1,001		1,312		1,370	
NEPHRITIS & NEPHROSIS	580-589	1,406	9	1,109		530		938		2,498	8	9,728	3	9,880	3
SEPTICEMIA	038	1,327	10	803		215		121		42		**		**	
ATHERO-SCLEROSIS	440	1,316		1,837	8	2,320	8	2,899	7	2,723	7	**		**	
LIVER DIS. & CIRRHOSIS	571	1,296		1,625	9	1,846	9	1,321	9	1,099		950		919	
PERINATAL CONDITIONS	760-779	859		1,194		2,391	7	3,820	6	3,835	5	3,679	8	4,845	8
CONGENITAL ANOMALIES	740-759	588		661		984		1,266	10	1,177		1,119		1,404	10
TUBERCULOSIS, ALL FORMS	010-018	86		123		414		902		2,474	9	4,252	7	5,969	7
SYPHILIS & SEQUELAE	090-097	9		9		36		242		402		1,325	10	1,223	
ALL OTHER		15,347		15,785		18,023		13,466		12,603		15,788		21,909	

*INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**DATA NOT AVAILABLE.

FIGURE C-4
DEATHS, PERCENT BY FIVE LEADING CAUSES: PENNSYLVANIA, 1984

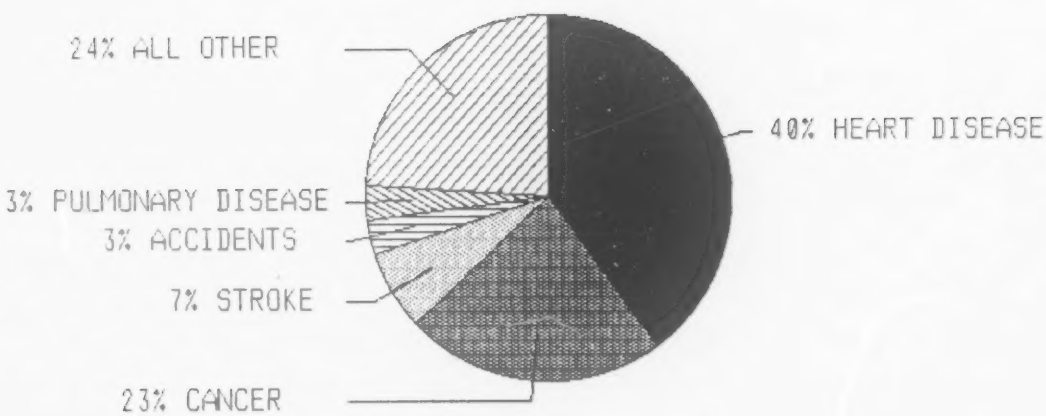


FIGURE C-5
VITAL EVENTS SUMMARY CHART

The following figures represent an average day of vital events in 1984 for Pennsylvania's residents:

ESTIMATED POPULATION AS OF JULY 1, 1984	11,900,701

	NUMBER PER DAY
MARRIAGES*	251
DIVORCES*	111
LIVE BIRTHS	430
DEATHS	332

BY AGE AT DEATH**	NUMBER PER DAY
Less than 28 Days	3
28-364 Days	1
1-19 Years	3
20-34 Years	8
35-49 Years	14
50-64 Years	59
65-74 Years	84
75 and Over	160

BY CAUSE OF DEATH**	NUMBER PER DAY
Heart Disease	133
Cancer	75
Cerebrovascular Disease	23
Accidents, All Forms	11
Motor Vehicle	5
Other	6
Chronic Obstructive Pulmonary Disease	10
Pneumonia and Influenza	8
Diabetes Mellitus	7
All Other Causes	65

* FIGURES FOR MARRIAGES AND DIVORCES ARE OCCURRENCE DATA.
**COLUMNS DO NOT EQUAL TOTAL DEATHS PER DAY DUE TO ROUNDING.

TABLE C-4
RESIDENT DEATHS BY AGE GROUP, NUMBER AND RATE:
PENNSYLVANIA, 1984, 1980, 1970, 1960, 1950, 1940

AGE GROUP (IN YEARS)	1984		1980		1970		1960		1950		1940	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AGES	121,358	10.2	123,233	10.4	126,564	10.7	121,163	10.7	110,212	10.5	111,977	11.3
UNDER 1	1,634	10.2	2,095	13.2	3,878	21.3	5,921	25.2	6,126	31.5	7,404	55.1
1-4	274	0.4	340	0.6	552	0.7	825	0.9	981	1.2	1,341	2.3
5-9	154	0.2	222	0.3	468	0.4	482	0.4	459	0.5	792	1.0
10-14	229	0.3	229	0.2	424	0.4	378	0.4	392	0.5	833	0.9
15-19	612	0.6	879	0.8	945	0.9	588	0.7	645	0.9	1,359	1.4
20-24	942	0.9	1,251	1.2	1,104	1.3	620	1.0	961	1.2	1,832	2.0
25-29	913	0.9	1,058	1.1	863	1.2	674	1.0	1,187	1.4	2,068	2.5
30-34	1,009	1.1	1,069	1.3	934	1.5	1,026	1.3	1,499	1.8	2,346	3.1
35-39	1,193	1.5	1,154	1.7	1,398	2.2	1,809	2.2	2,109	2.6	2,925	4.2
40-44	1,555	2.4	1,573	2.7	2,625	3.5	2,829	3.6	3,244	4.5	4,001	6.1
45-49	2,314	4.0	2,714	4.5	4,372	5.6	4,464	6.0	4,632	7.3	5,854	9.2
50-54	3,852	6.5	4,868	7.0	6,630	9.0	6,354	9.8	6,514	10.9	7,809	13.9
55-59	7,026	10.6	7,826	11.0	9,412	14.3	8,488	14.9	9,235	17.2	9,320	20.5
60-64	10,518	16.4	11,226	17.7	12,115	21.6	11,863	24.1	11,760	26.0	11,150	30.3
65-69	14,027	25.8	14,379	26.8	14,393	32.6	15,255	35.4	13,617	37.6	12,688	44.4
70-74	16,813	38.6	16,533	40.6	16,871	48.3	17,124	52.6	14,282	57.5	13,129	66.4
75 & OVER**	58,293	86.7	55,817	95.1	49,580	104.1	42,463	114.0	32,569	118.0	27,126	139.7

* RATE PER 1,000 POPULATION IN EACH AGE GROUP.
**UNKNOWN AGES AT DEATH ARE INCLUDED IN THE 75 & OVER AGE GROUP.

FIGURE C-6
RESIDENT DEATH RATES BY AGE GROUP
PENNSYLVANIA, 1984

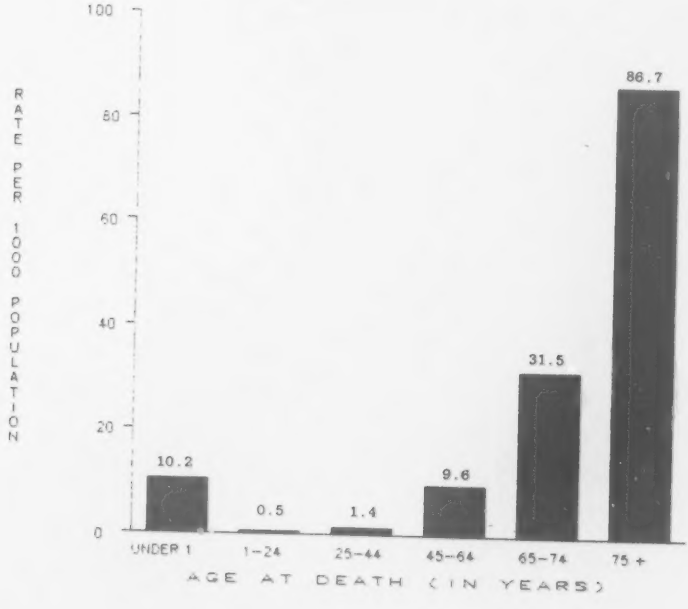


TABLE C-5A
SELECTED CAUSES OF DEATH BY AGE GROUP, BOTH SEXES
NUMBER AND RANK: PENNSYLVANIA, 1984

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	121,358		1,908		1,937		4,670		23,710		65,384		23,749	
HEART DISEASE	48,645	1	55	4	63	5	747	3	8,219	2	27,627	1	11,934	1
MALIGNANT NEOPLASMS	27,468	2	16	7	149	3	936	2	8,236	1	15,585	2	2,546	2
CEREBROVASCULAR DISEASE	8,334	3	13	8	20	7	155	6	975	3	4,686	3	2,485	3
ACCIDENTS, ALL FORMS	4,178	4	122	3	959	1	977	1	709	4	1,018	7	393	8
NON-MOTOR VEHICLE	2,336		91		283		400		422		774		366	
MOTOR VEHICLE	1,842		31		676		577		287		244		27	
CHRONIC OBSTRUCT. PULMONARY DIS.	3,685	5	1		8		25		604	5	2,576	4	471	6
PNEUMONIA & INFLUENZA	2,885	6	26	5	14	9	38	9	234	9	1,493	6	1,080	4
DIABETES MELLITUS	2,521	7	0		4		75	8	480	7	1,558	5	404	7
SUICIDE	1,408	8	0		256	2	471	4	399	8	262		20	
NEPHRITIS, NEPHROSIS, ETC.	1,406	9	9		7		23		205	10	795	8	367	9
SEPTICEMIA	1,327	10	12	10	4		33		200		735	9	343	10
ATHEROSCLEROSIS	1,316		0		0		2		59		571		684	5
LIVER DISEASE & CIRRHOSIS	1,296		1		0		136	7	566	6	563		30	
AORTIC ANEURYSM	926		1		1		14		145		626	10	139	
PERINATAL CONDITIONS	859		856	1	2		0		1		0		0	
PNEUMOCONIOSIS	636		0		0		1		57		511		67	
CONGENITAL ANOMALIES	588		415	2	43	6	37	10	37		48		8	
HOMICIDE & LEGAL INTERVENTION	580		25	6	148	4	275	5	88		34		10	
HYPERTENSION	447		0		0		6		76		260		105	
BENIGN/UNSPECIFIED NEOPLASMS	433		12	10	18	8	20		81		242		60	
ULCERS OF STOMACH/DUODENUM	314		0		1		9		53		188		63	
HERNIA/INTESTINAL OBSTRUCTION	312		8		3		2		30		175		94	
PARKINSONS DISEASE	277		0		0		0		13		207		57	
ANEMIAS	220		6		6		12		34		108		54	
NUTRITIONAL DEFICIENCIES	163		0		0		0		2		81		80	
GALL BLADDER DISORDERS	148		0		0		2		15		93		38	
DISEASES OF PANCREAS	124		0		2		15		28		61		18	
VENOUS EMBOLISM & THROMBOSIS	117		1		2		11		23		65		15	
ALCOHOLISM	105		0		2		28		48		26		1	
EPILEPSY	92		2		10	10	30		22		24		4	
TUBERCULOSIS	86		0		1		5		25		44		11	
MULTIPLE SCLEROSIS	76		0		1		16		35		22		2	
INFECTIONS OF KIDNEY	65		0		0		1		5		43		16	
MENINGITIS	52		13	8	2		2		11		20		4	
ALL OTHER CAUSES	10,269		314		211		566		1,995		5,037		2,146	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-5B
SELECTED CAUSES OF DEATH BY AGE GROUP-MALES
NUMBER AND RANK: PENNSYLVANIA, 1984

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	62,627		1,063		1,384		3,130		14,684		34,280		8,086	
HEART DISEASE	24,391	1	33	4	38	5	559	2	5,793	1	14,229	1	3,739	1
MALIGNANT NEOPLASMS	14,523	2	9	7	93	4	433	3	4,405	2	8,494	2	1,089	2
CEREBROVASCULAR DISEASE	3,298	3	9	7	11	7	78	7	501	3	1,977	3	722	3
ACCIDENTS, ALL FORMS	2,747	4	64	3	727	1	763	1	481	4	575	7	137	8
NON-MOTOR VEHICLE	1,450		45		227		325		296		434		123	
MOTOR VEHICLE	1,297		19		500		438		185		141		14	
CHRONIC OBSTRUCT. PULMONARY DIS.	2,425	5	0		4		14		393	6	1,712	4	302	5
PNEUMONIA & INFLUENZA	1,448	6	18	5	9	8	26	9	146	9	807	5	442	4
DIABETES MELLITUS	1,012	8	0		2		49	8	230	8	618	6	113	10
SUICIDE	1,092	7	0		213	2	363	4	294	7	203		19	
NEPHRITIS, NEPHROSIS, ETC.	720	10	6		4		15		116		419	10	160	7
SEPTICEMIA	609		7	10	2		21		111		341		127	9
ATHEROSCLEROSIS	468		0		0		2		36		249		181	6
LIVER DISEASE & CIRRHOSIS	862	9	0		0		94	6	400	5	358		10	
AORTIC ANEURYSM	653		0		0		10		117	10	455	9	71	
PERINATAL CONDITIONS	471		470	1	1		0		0		0		0	
PNEUMOCONIOSIS	633		0		0		1		57		508	8	67	
CONGENITAL ANOMALIES	331		237	2	21	6	23	10	19		26		5	
HOMICIDE & LEGAL INTERVENTION	408		14	6	100	3	216	5	62		12		4	
HYPERTENSION	197		0		0		3		46		116		32	
BENIGN/UNSPECIFIED NEOPLASMS	198		6		9	8	11		45		103		24	
ULCERS OF STOMACH/DUODENUM	145		0		0		6		28		93		18	
HERNIA/INTESTINAL OBSTRUCTION	107		5		1		0		8		72		21	
PARKINSONS DISEASE	155		0		0		0		9		121		25	
ANEMIAS	86		3		3		6		16		40		18	
NUTRITIONAL DEFICIENCIES	59		0		0		0		0		39		20	
GALL BLADDER DISORDERS	59		0		0		0		6		43		10	
DISEASES OF PANCREAS	63		0		1		10		16		32		4	
VENOUS EMBOLISM & THROMBOSIS	50		0		1		5		13		28		3	
ALCOHOLISM	85		0		2		22		39		21		1	
EPILEPSY	49		1		5	10	18		10		13		2	
TUBERCULOSIS	59		0		0		5		18		30		6	
MULTIPLE SCLEROSIS	30		0		1		9		11		9		0	
INFECTIONS OF KIDNEY	20		0		0		0		2		17		1	
MENINGITIS	27		8	9	0		1		5		10		3	
ALL OTHER CAUSES	5,147		173		136		367		1,251		2,510		710	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-5C
SELECTED CAUSES OF DEATH BY AGE GROUP-FEMALES
NUMBER AND RANK: PENNSYLVANIA, 1984

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	58,731		845		553		1,540		9,026		31,104		15,663	
HEART DISEASE	24,254	1	22	4	25	5	188	3	2,426	2	13,398	1	8,195	1
MALIGNANT NEOPLASMS	12,945	2	7	7	56	2	503	1	3,831	1	7,091	2	1,457	3
CEREBROVASCULAR DISEASE	5,036	3	4		9	7	77	5	474	3	2,709	3	1,763	2
ACCIDENTS, ALL FORMS	1,431	6	58	3	232	1	214	2	228	5	443	7	256	7
NON-MOTOR VEHICLE	886		46		56		75		126		340		243	
MOTOR VEHICLE	545		12		176		139		102		103		13	
CHRONIC OBSTRUCT. PULMONARY DIS.	1,260	7	1		4		11		211	6	864	5	169	10
PNEUMONIA & INFLUENZA	1,437	5	8	6	5	9	12	10	88		686	6	638	4
DIABETES MELLITUS	1,509	4	0		2		26	8	250	4	940	4	291	6
SUICIDE	316		0		43	4	108	4	105	8	59		1	
NEPHRITIS, NEPHROSIS, ETC.	686	10	3		3		8		89	9	376	9	207	9
SEPTICEMIA	718	9	5	9	2		12	10	89	9	394	8	216	8
ATHEROSCLEROSIS	848	8	0		0		0		23		322	10	503	5
LIVER DISEASE & CIRRHOSIS	434		1		0		42	7	166	7	205		20	
AORTIC ANEURYSM	273		1		1		4		28		171		68	
PERINATAL CONDITIONS	388		386	1	1		0		1		0		0	
PNEUMOCONIOSIS	3		0		0		0		0		3		0	
CONGENITAL ANOMALIES	257		178	2	22	6	14	9	18		22		3	
HOMICIDE & LEGAL INTERVENTION	172		11	5	48	3	59	6	26		22		6	
HYPERTENSION	250		0		0		3		30		144		73	
BENIGN/UNSPECIFIED NEOPLASMS	235		6	8	9	7	9		36		139		36	
ULCERS OF STOMACH/DUODENUM	169		0		1		3		25		95		45	
HERNIA/INTESTINAL OBSTRUCTION	205		3		2		2		22		103		73	
PARKINSONS DISEASE	122		0		0		0		4		86		32	
ANEMIAS	134		3		3		6		18		68		36	
NUTRITIONAL DEFICIENCIES	104		0		0		0		2		42		60	
GALL BLADDER DISORDERS	89		0		0		2		9		50		28	
DISEASES OF PANCREAS	61		0		1		5		12		29		14	
VENOUS EMBOLISM & THROMBOSIS	67		1		1		6		10		37		12	
ALCOHOLISM	20		0		0		6		9		5		0	
EPILEPSY	43		1		5	9	12	10	12		11		2	
TUBERCULOSIS	27		0		1		0		7		14		5	
MULTIPLE SCLEROSIS	46		0		0		7		24		13		2	
INFECTIONS OF KIDNEY	45		0		0		1		3		26		15	
MENINGITIS	25		5	9	2		1		6		10		1	
ALL OTHER CAUSES	5,122		141		75		199		744		2,527		1,436	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-5D
SELECTED CAUSES OF DEATH BY AGE GROUP-WHITE POPULATION
NUMBER AND RANK: PENNSYLVANIA, 1984

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	110,400		1,407		1,663		3,692		20,621		60,457		22,560	
HEART DISEASE	45,610	1	45	4	51	5	626	3	7,423	1	25,992	1	11,473	1
MALIGNANT NEOPLASMS	24,965	2	14	6	132	3	790	2	7,270	2	14,364	2	2,395	2
CEREBROVASCULAR DISEASE	7,594	3	10	9	20	7	117	5	788	3	4,279	3	2,380	3
ACCIDENTS, ALL FORMS	3,773	4	97	3	884	1	848	1	628	4	949	7	367	8
NON-MOTOR VEHICLE	2,048		70		249		315		358		714		342	
MOTOR VEHICLE	1,725		27		635		533		270		235		25	
CHRONIC OBSTRUCT. PULMONARY DIS.	3,463	5	1		4		13		554	5	2,437	4	454	6
PNEUMONIA & INFLUENZA	2,654	6	19	5	13	9	25	10	198	9	1,376	6	1,023	4
DIABETES MELLITUS	2,307	7	0		3		63	8	406	7	1,447	5	388	7
SUICIDE	1,313	8	0		232	2	426	4	379	8	257		19	
NEPHRITIS, NEPHROSIS, ETC.	1,211	10	7		5		15		157	10	685	8	342	9
SEPTICEMIA	1,081		7		4		20		153		615	9	282	10
ATHEROSCLEROSIS	1,246	9	0		0		2		53		535		656	5
LIVER DISEASE & CIRRHOSIS	1,155		1		0		92	7	491	6	542		29	
AORTIC ANEURYSM	885		1		1		12		138		603	10	130	
PERINATAL CONDITIONS	591		589	1	1		0		1		0		0	
PNEUMOCONIOSIS	629		0		0		1		56		507		65	
CONGENITAL ANOMALIES	507		350	2	35	6	34	9	33		47		8	
HOMICIDE & LEGAL INTERVENTION	273		13	7	74	4	117	5	41		18		10	
HYPERTENSION	379		0		0		4		65		213		97	
BENIGN/UNSPECIFIED NEOPLASMS	388		9	10	14	8	20		65		224		56	
ULCERS OF STOMACH/DUODENUM	293		0		1		7		48		175		62	
HERNIA/INTESTINAL OBSTRUCTION	278		8		1		1		24		155		89	
PARKINSONS DISEASE	264		0		0		0		12		196		56	
ANEMIAS	192		4		3		3		29		102		51	
NUTRITIONAL DEFICIENCIES	147		0		0		0		2		69		76	
GALL BLADDER DISORDERS	139		0		0		2		14		87		36	
DISEASES OF PANCREAS	109		0		2		10		22		57		18	
VENOUS EMBOLISM & THROMBOSIS	104		1		2		6		21		59		15	
ALCOHOLISM	64		0		1		15		29		18		1	
EPILEPSY	73		2		8	10	23		21		15		4	
TUBERCULOSIS	59		0		1		0		15		32		11	
MULTIPLE SCLEROSIS	73		0		1		15		34		21		2	
INFECTIONS OF KIDNEY	59		0		0		0		3		40		16	
MENINGITIS	44		11	8	1		2		8		19		3	
ALL OTHER CAUSES	8,478		218		169		383		1,440		4,322		1,946	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-5E
SELECTED CAUSES OF DEATH BY AGE GROUP, FOR RACES OTHER THAN WHITE
NUMBER AND RANK: PENNSYLVANIA, 1984

CAUSE OF DEATH	ALL AGES		UNDER 5 YEARS		5-24 YEARS		25-44 YEARS		45-64 YEARS		65-84 YEARS		85 YEARS AND OVER*	
	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK	NUMBER	RANK
ALL CAUSES	10,958		501		274		978		3,089		4,927		1,189	
HEART DISEASE	3,035	1	10	5	12	5	121	4	796	2	1,635	1	461	1
MALIGNANT NEOPLASMS	2,503	2	2	10	17	4	146	2	966	1	1,221	2	151	2
CEREBROVASCULAR DISEASE	740	3	3	8	0		38	7	187	3	407	3	105	3
ACCIDENTS, ALL FORMS	405	4	25	3	75	1	129	3	81	4	69	9	26	7
NON-MOTOR VEHICLE	288		21		34		85		64		60		24	
MOTOR VEHICLE	117		4		41		44		17		9		2	
CHRONIC OBSTRUCT. PULMONARY DIS.	222	9	0		4	7	12		50	7	139	4	17	9
PNEUMONIA & INFLUENZA	231	8	7	6	1		13	8	36		117	6	57	5
DIABETES MELLITUS	214	10	0		1		12		74	6	111	7	16	10
SUICIDE	95		0		24	3	45	5	20		5		1	
NEPHRITIS, NEPHROSIS, ETC.	195		2	10	2	10	8		48	8	110	8	25	8
SEPTICEMIA	246	7	5	7	0		13	8	47	9	120	5	61	4
ATHEROSCLEROSIS	70		0		0		0		6		36		28	6
LIVER DISEASE & CIRRHOSIS	141		0		0		44	6	75	5	21		1	
AORTIC ANEURYSM	41		0		0		2		7		23		9	
PERINATAL CONDITIONS	268	6	267	1	1		0		0		0		0	
PNEUMOCONIOSIS	7		0		0		0		1		4		2	
CONGENITAL ANOMALIES	81		65	2	8	6	3		4		1		0	
HOMICIDE & LEGAL INTERVENTION	307	5	12	4	74	2	158	1	47	9	16		0	
HYPERTENSION	68		0		0		2		11		47	10	8	
BENIGN/UNSPECIFIED NEOPLASMS	45		3	8	4	7	0		16		18		4	
ULCERS OF STOMACH/DUODENUM	21		0		0		2		5		13		1	
HERNIA/INTESTINAL OBSTRUCTION	34		0		2	10	1		6		20		5	
PARKINSONS DISEASE	13		0		0		0		1		11		1	
ANEMIAS	28		2	10	3	9	9		5		6		3	
NUTRITIONAL DEFICIENCIES	16		0		0		0		0		12		4	
GALL BLADDER DISORDERS	9		0		0		0		1		6		2	
DISEASES OF PANCREAS	15		0		0		5		6		4		0	
VENOUS EMBOLISM & THROMBOSIS	13		0		0		5		2		6		0	
ALCOHOLISM	41		0		1		13	8	19		8		0	
EPILEPSY	19		0		2	10	7		1		9		0	
TUBERCULOSIS	27		0		0		5		10		12		0	
MULTIPLE SCLEROSIS	3		0		0		1		1		1		0	
INFECTIONS OF KIDNEY	6		0		0		1		2		3		0	
MENINGITIS	8		2	10	1		0		3		1		1	
ALL OTHER CAUSES	1,791		96		42		183		555		715		200	

* UNKNOWN AGE INCLUDED IN THE 85 YEARS AND OVER AGE GROUP.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
ALL CAUSES	001-999	121,358	1019.8
INFECTIOUS AND PARASITIC DISEASES	001-139	1,722	14.5
Intestinal infectious diseases	001-009	13	0.1
Tuberculosis	010-018	86	0.7
Tuberculosis of respiratory system	010-012	70	0.6
Other tuberculosis	013-018	16	0.1
Zoonotic bacterial diseases	020-027	7	0.1
Other bacterial diseases	030-041	1,377	11.6
Septicemia	038	1,327	11.2
Other bacterial diseases	030-037,039-041	50	0.4
Poliomyelitis and other non-arthropod viral diseases of the central nervous system	045-049	18	0.2
Viral diseases accompanied by exanthem	050-057	26	0.2
Arthropod-borne viral diseases	060-066	0	-
Other diseases due to viruses and chlamydiae	070-079	42	0.4
Rickettsioses and other arthropod-borne diseases	080-088	0	-
Syphilis and other venereal diseases	090-099	9	0.1
Other spirochaetal diseases	100-104	0	-
Mycoses	110-118	46	0.4
Helminthiases	120-129	2	0.0
Other infectious and parasitic diseases	130-136	85	0.7
Late effects of infectious and parasitic diseases	137-139	11	0.1
NEOPLASMS	140-239	27,901	234.4
Malignant neoplasm of lip, oral cavity and pharynx	140-149	442	3.7
Of tongue	141	131	1.1
Of major salivary glands	142	14	0.1
Of floor of mouth	144	29	0.2
Of other and unspecified parts of mouth	140,143,145	83	0.7
Of oropharynx	146	50	0.4
Of nasopharynx	147	29	0.2
Of hypopharynx	148	38	0.3
Of other and ill-defined sites within the lip, oral cavity and pharynx	149	68	0.6
Malignant neoplasm of digestive organs and peritoneum	150-159	7,388	62.1
Of esophagus	150	540	4.5
Of stomach	151	907	7.6
Of small intestine, including duodenum	152	47	0.4
Of colon	153	3,131	26.3
Of rectum, rectosigmoid junction and anus	154	568	4.8
Of liver and intrahepatic bile ducts	155	345	2.9
Of gall bladder and extrahepatic bile ducts	156	269	2.3
Of pancreas	157	1,333	11.2
Of retroperitoneum and peritoneum	158	36	0.3
Of other and ill-defined sites within the digestive organs and peritoneum	159	212	1.8

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Malignant neoplasm of respiratory and intrathoracic organs	160-165	7,112	59.8
Of nasal cavities, middle ear, and accessory sinuses	160	31	0.3
Of larynx	161	223	1.9
Of trachea, bronchus, and lung	162	6,820	57.3
Of pleura	163	16	0.1
Of thymus, heart and mediastinum	164	21	0.2
Of other and ill-defined sites within the respiratory system and intrathoracic organs	165	1	0.0
Malignant neoplasm of bone, connective tissue, and breast	170-175	3,091	26.0
Of bone and articular cartilage	170	32	0.3
Of connective and other soft tissue	171	159	1.3
Malignant melanoma of skin	172	301	2.5
Other malignant neoplasm of skin	173	109	0.9
Of female breast	174	2,474	20.8
Of male breast	175	16	0.1
Malignant neoplasm of genitourinary organs	179-189	3,917	32.9
Of uterus,part unspecified	179	190	1.6
Of cervix uteri	180	225	1.9
Of body of uterus	182	212	1.8
Of ovary and other uterine adnexa	183	639	5.4
Of placenta and other and unspecified female genital organs	181,184	59	0.5
Of prostate	185	1,441	12.1
Of testis	186	21	0.2
Of penis and other male genital organs	187	19	0.2
Of bladder	188	607	5.1
Of kidney and other and unspecified urinary organs	189	504	4.2
Malignant neoplasm of other and unspecified sites	190-199	3,061	25.7
Of eye	190	12	0.1
Of brain	191	515	4.3
Of other and unspecified parts of nervous system	192	8	0.1
Of thyroid gland	193	61	0.5
Of other endocrine glands and related structures	194	29	0.2
Of other and unspecified sites	195-199	2,436	20.5
Malignant neoplasm of lymphatic and hematopoietic tissue	200-208	2,457	20.6
Lymphosarcoma and reticulosarcoma	200	285	2.4
Hodgkin's disease	201	129	1.1
Other malignant neoplasm of lymphoid and histiocytic tissue	202	611	5.1
Multiple myeloma and immunoproliferative neoplasms	203	443	3.7
Lymphoid leukemia	204	273	2.3
Myeloid leukemia	205	459	3.9
Monocytic and other specified leukemia	206,207	26	0.2
Leukemia of unspecified cell type	208	231	1.9

*INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Benign neoplasms	210-229	67	0.6
Of brain and other parts of nervous system	225	40	0.3
Other benign neoplasms	210-224,226-229	27	0.2
Carcinoma in situ	230-234	3	0.0
Neoplasms of uncertain behavior	235-238	75	0.6
Neoplasms of unspecified nature	239	288	2.4
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS	240-279	3,308	27.8
Disorders of thyroid gland	240-246	61	0.5
Acquired hypothyroidism	244	53	0.4
Other disorders of thyroid gland	240-243,245-246	8	0.1
Diseases of other endocrine glands	250-259	2,555	21.5
Diabetes mellitus	250	2,521	21.2
Other endocrine disorders	251-259	34	0.3
Nutritional deficiencies	260-269	163	1.4
Protein-calorie malnutrition	260-263	159	1.3
Other nutritional deficiencies	264-269	4	0.0
Other metabolic disorders and immunity disorders	270-279	529	4.4
Certain specified disorders of metabolism	270-275	76	0.6
Disorders of fluid, electrolyte and acid-base balance	276	290	2.4
Other and unspecified disorders of metabolism	277	70	0.6
Obesity and other hyperalimentation	278	50	0.4
Disorders involving the immune mechanism	279	43	0.4
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	463	3.9
Hemolytic anemias	282-283	37	0.3
Aplastic anemia	284	72	0.6
Other and unspecified anemias	285	101	0.8
Coagulation defects	286	81	0.7
Purpura and other hemorrhagic conditions	287	43	0.4
Diseases of white blood cells	288	31	0.3
Other diseases of blood and blood-forming organs	280-281,289	98	0.8
MENTAL DISORDERS	290-319	622	5.2
Organic psychotic conditions	290-294	140	1.2
Senile and presenile organic psychotic conditions	290	130	1.1
Other organic psychotic conditions	291-294	10	0.1
Other psychoses	295-299	56	0.5
Neurotic disorders, personality disorders, and other nonpsychotic mental disorders	300-316	408	3.4
Alcohol dependence syndrome	303	105	0.9
Nondependent abuse of drugs	305	33	0.3
Specific nonpsychotic mental disorders following organic brain damage	310	238	2.0
Other nonpsychotic mental disorders	301-302,304,306-309,311-316	32	0.3
Mental retardation	317-319	18	0.2

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	1,497	12.6
Inflammatory diseases of the central nervous system	320-326	77	0.6
Bacterial meningitis	320	24	0.2
Meningitis due to other and unspecified cause	321-322	28	0.2
Other inflammatory diseases of the central nervous system	323-326	25	0.2
Hereditary and degenerative diseases of the central nervous system	330-337	873	7.3
Cerebral degenerations	330-331	350	2.9
Parkinson's disease	332	277	2.3
Anterior horn cell disease	335	201	1.7
Other hereditary and degenerative diseases of the central nervous system	333-334,336-337	45	0.4
Other disorders of the central nervous system	340-349	458	3.8
Multiple sclerosis	340	76	0.6
Infantile cerebral palsy	343	29	0.2
Other paralytic syndromes	344	43	0.4
Epilepsy	345	92	0.8
Other and unspecified disorders of the nervous system	341-342,346-349	218	1.8
Disorders of the peripheral nervous system	350-359	86	0.7
Muscular dystrophies and other myopathies	359	41	0.3
Other disorders of the peripheral nervous system	350-358	45	0.4
Disorders of the eye and ear	360-389	3	0.0
DISEASES OF THE CIRCULATORY SYSTEM	390-459	60,357	507.2
Active rheumatic fever	390-392	4	0.0
Chronic rheumatic heart disease	393-398	526	4.4
Diseases of mitral valve	394	197	1.7
Diseases of aortic valve	395	13	0.1
Diseases of mitral and aortic valves	396	85	0.7
Diseases of other endocardial structures	397	50	0.4
Other rheumatic heart disease	393,398	181	1.5
Hypertensive disease	401-405	1,579	13.3
Essential hypertension	401	246	2.1
Hypertensive heart disease	402	970	8.2
Hypertensive renal disease	403	201	1.7
Hypertensive heart and renal disease	404	162	1.4
Secondary hypertension	405	0	-
Ischemic heart disease	410-414	32,648	274.3
Acute myocardial infarction	410	17,930	150.7
Other acute and subacute form of ischemic heart disease	411	140	1.2
Old myocardial infarction	412	97	0.8
Angina pectoris	413	50	0.4
Other forms of chronic ischemic heart disease	414	14,431	121.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Diseases of pulmonary circulation	415-417	845	7.1
Acute pulmonary heart disease	415	729	6.1
Chronic pulmonary heart disease	416	112	0.9
Other diseases of pulmonary circulation	417	4	0.0
Other forms of heart diseases	420-429	13,490	113.4
Acute pericarditis and other diseases of pericardium	420,423	52	0.4
Acute and subacute endocarditis	421	54	0.5
Other diseases of endocardium	424	578	4.9
Cardiomyopathy	425	796	6.7
Conduction disorders	426	55	0.5
Cardiac dysrhythmias	427	3,869	32.5
Heart failure	428	2,306	19.4
Other and ill-defined heart disease	422,429	5,780	48.6
Cerebrovascular disease	430-438	8,334	70.0
Subarachnoid hemorrhage	430	368	3.1
Intracerebral hemorrhage	431	1,047	8.8
Other and unspecified intracranial hemorrhage	432	116	1.0
Occlusion and stenosis of precerebral arteries	433	81	0.7
Occlusion of cerebral arteries	434	1,493	12.5
Transient cerebral ischemia	435	27	0.2
Acute but ill-defined cerebrovascular disease	436	4,384	36.8
Other and ill-defined cerebrovascular disease	437	677	5.7
Late effects of cerebrovascular disease	438	141	1.2
Diseases of arteries, arterioles, and capillaries	440-448	2,654	22.3
Atherosclerosis	440	1,316	11.1
Aortic aneurysm	441	926	7.8
Other aneurysm	442	38	0.3
Other peripheral vascular disease	443	163	1.4
Arterial embolism and thrombosis	444	101	0.8
Polyarteritis nodosa and allied conditions	446	31	0.3
Other disorders of arteries and arterioles	447	78	0.7
Diseases of capillaries	448	1	0.0
Diseases of veins and lymphatics, and other diseases of circulatory system	451-459	277	2.3
Phlebitis and thrombophlebitis	451	97	0.8
Other venous embolism and thrombosis	452-453	20	0.2
Varicose veins	454-456	44	0.4
Hypotension	458	50	0.4
Other disorders of circulatory system	457,459	66	0.6
DISEASES OF THE RESPIRATORY SYSTEM	460-519	8,372	70.3
Acute respiratory infections	460-466	42	0.4
Acute bronchitis and bronchiolitis	466	31	0.3
Other acute respiratory infections	460-465	11	0.1
Other diseases of upper respiratory tract	470-478	16	0.1
Pneumonia and influenza	480-487	2,885	24.2
Viral pneumonia	480	21	0.2
Pneumococcal pneumonia	481	102	0.9
Other bacterial pneumonia	482	114	1.0
Bronchopneumonia, organism unspecified	485	330	2.8
Pneumonia, other and unspecified	483,484,486	2,283	19.2
Influenza	487	35	0.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Chronic obstructive pulmonary disease and allied conditions	490-496	3,685	31.0
Bronchitis, not specified as acute or chronic	490	27	0.2
Chronic bronchitis	491	115	1.0
Emphysema	492	596	5.0
Asthma	493	151	1.3
Bronchiectasis	494	47	0.4
Extrinsic allergic alveolitis and other chronic airway obstructions	495-496	2,749	23.1
Pneumoconiosis and other lung diseases due to external agents	500-508	983	8.3
Coalworker's pneumoconiosis	500	576	4.8
Asbestosis and pneumoconiosis due to other silica or silicates	501-502	40	0.3
Pneumoconiosis, other and unspecified	503-505	20	0.2
Pneumonitis due to solids and liquids	507	345	2.9
Respiratory conditions due to other and unspecified external agents	506,508	2	0.0
Other diseases of respiratory system	510-519	761	6.4
Empyema	510	32	0.3
Pleurisy	511	45	0.4
Pneumothorax	512	20	0.2
Abscess of lung and mediastinum	513	27	0.2
Pulmonary congestion and hypostasis	514	60	0.5
Postinflammatory pulmonary fibrosis	515	160	1.3
Other alveolar and parietoalveolar pneumopathy	516	29	0.2
Other diseases of the lung	517-518	339	2.8
Other diseases of respiratory system	519	49	0.4
DISEASES OF THE DIGESTIVE SYSTEM	520-579	3,975	33.4
Diseases of oral cavity, salivary glands and jaws	520-529	4	0.0
Diseases of esophagus, stomach and duodenum	530-537	442	3.7
Diseases of esophagus	530	75	0.6
Gastric ulcer	531	109	0.9
Duodenal ulcer	532	109	0.9
Peptic ulcer, site unspecified	533	96	0.8
Other disorders of stomach and duodenum	534-537	53	0.4
Appendicitis	540-543	16	0.1
Hernia of abdominal cavity	550-553	75	0.6
Noninfective enteritis and colitis	555-558	449	3.8
Idiopathic proctocolitis	556	18	0.2
Vascular insufficiency of intestine	557	359	3.0
Other noninfective gastroenteritis and colitis	555,558	72	0.6
Other diseases of intestines and peritoneum	560-569	597	5.0
Intestinal obstruction without mention of hernia	560	237	2.0
Diverticula of intestine	562	129	1.1
Peritonitis	567	62	0.5
Other disorders of peritoneum	568	7	0.1
Other disorders of intestine	564-566,569	162	1.4

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Other diseases of digestive system	570-579	2,392	20.1
Acute and subacute necrosis of liver	570	29	0.2
Chronic liver disease and cirrhosis	571	1,296	10.9
Liver abcess and sequelae of chronic liver disease	572	230	1.9
Other disorders of liver	573	61	0.5
Cholelithiasis	574	49	0.4
Other disorders of gall bladder	575	99	0.8
Other disorders of biliary tract	576	60	0.5
Diseases of pancreas	577	124	1.0
Gastrointestinal hemorrhage	578	436	3.7
Intestinal malabsorption	579	8	0.1
DISEASES OF THE GENITOURINARY SYSTEM	580-629	2,221	18.7
Nephritis, nephrotic syndrome and nephrosis	580-589	1,406	11.8
Chronic glomerulonephritis	582	51	0.4
Nephritis and nephropathy, not specified as acute or chronic	583	19	0.2
Acute renal failure	584	285	2.4
Chronic renal failure	585	266	2.2
Renal failure, unspecified	586	767	6.4
Other renal disorders	580-581,587-589	18	0.2
Other diseases of urinary system	590-599	766	6.4
Infections of kidney	590	65	0.5
Calculus of kidney and ureter	592	18	0.2
Other disorders of kidney and ureter	591,593	154	1.3
Other disorders of urethra and urinary tract	594-599	529	4.4
Diseases of male genital organs	600-608	34	0.3
Hyperplasia of prostate	600	26	0.2
Other disorders of male genital organs	601-608	8	0.1
Disorders of the breast	610-611	5	0.0
Inflammatory disease of female pelvic organs	614-616	2	0.0
Other disorders of female genital tract	617-629	8	0.1
COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	630-676	12	0.8**
Pregnancy with abortive outcome	630-639	1	0.1**
Induced abortion	635-636	0	-
Other abortion, ectopic,and molar pregnancies	630-634,637-639	1	0.1**
Complications mainly related to pregnancy	640-648	5	0.3**
Other indications for care in pregnancy, labor and delivery	650-659	0	-
Complications occurring mainly in the course of labor and delivery	660-669	3	0.2**
Complications of the puerperium	670-676	3	0.2**

* INTERNATIONAL CLASSIFICATION OF DISEASE, NINTH REVISION, 1975.
**MATERNAL DEATH RATES ARE PER 10,000 LIVE BIRTHS.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	680-709	237	2.0
Infections of skin and subcutaneous tissue	680-686	40	0.3
Cellulitis and abscess	680-682	37	0.3
Other infections of skin and subcutaneous tissue	683-686	3	0.0
Other inflammatory conditions of skin and subcutaneous tissue	690-698	16	0.1
Other diseases of skin and subcutaneous tissue	700-709	181	1.5
Chronic ulcer of skin	707	179	1.5
Other diseases of skin and subcutaneous tissue	700-706,708-709	2	0.0
DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	710-739	298	2.5
Arthropathies and related disorders	710-719	218	1.8
Diffuse diseases of connective tissue	710	112	0.9
Rheumatoid arthritis and other inflammatory polyarthropathies	714	72	0.6
Other arthropathies and related disorders	711-713,715-719	34	0.3
Dorsopathies	720-724	2	0.0
Rheumatism, excluding back	725-729	13	0.1
Osteopathies, chondropathies and acquired musculoskeletal deformities	730-739	65	0.5
CONGENITAL ANOMALIES	740-759	588	4.9
Anencephalus and similar anomalies	740	29	0.2
Spina bifida	741	12	0.1
Other congenital anomalies of nervous system	742	46	0.4
Bulbus cordis anomalies and anomalies of cardiac septal closure	745	87	0.7
Other congenital anomalies of heart	746	120	1.0
Other congenital anomalies of circulatory system	747	72	0.6
Congenital anomalies of respiratory system	748	49	0.4
Congenital anomalies of genitourinary system	752-753	44	0.4
Congenital musculoskeletal anomalies	754-756	32	0.3
Chromosomal anomalies	758	45	0.4
Other and unspecified congenital anomalies	743-744,749-751,757,759	52	0.4
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (See Table C-7 for details.)	760-779	859	7.2
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	2,572	21.6
Symptoms	780-789	147	1.2
Symptoms involving cardiovascular system	785	107	0.9
Other symptoms	780-784,786-789	40	0.3

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Nonspecified abnormal findings	790-796	1	0.0
Ill-defined and unknown causes of mortality	797-799	2,424	20.4
Senility without mention of psychosis	797	43	0.4
Sudden death, cause unknown	798	196	1.6
Other ill-defined and unknown cause of mortality	799	2,185	18.4
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	6,354	53.4
Railway accidents	800-807	22	0.2
Motor vehicle traffic accidents	810-819	1,801	15.1
Involving collision with another motor vehicle	811-812	627	5.3
Involving collision with another vehicle	810,813	52	0.4
Involving collision with pedestrian	814	291	2.4
Other involving collision on the highway	815	325	2.7
Due to loss of control, without collision on the highway	816	137	1.2
Other noncollision	817-818	54	0.5
Unspecified nature	819	315	2.6
Motor vehicle nontraffic accidents	820-825	41	0.3
Other road vehicle accidents	826-829	9	0.1
Water transport accidents	830-838	17	0.1
Air and space transport accidents	840-845	20	0.2
Accident due to powered aircraft	840-841	18	0.2
Other air and space transport accidents	842-845	2	0.0
Vehicle accidents not elsewhere classifiable	846-848	6	0.1
Accidental poisoning by analgesics, antipyretics, and antirheumatics	850	29	0.2
Accidental poisoning by other drugs, medicaments, and biologicals	851-858	129	1.1
Accidental poisoning by other solid and liquid substances, gases, and vapors	860-869	76	0.6
Accidental poisoning by utility gas and other carbon monoxide	868	52	0.4
Accidental poisoning by other solid and liquid substances, gases, and vapors	860-867,869	24	0.2
Misadventure to patients during surgical and medical care	870-876	20	0.2
Accidental cut, puncture, perforation or hemorrhage during medical care	870	13	0.1
Other and unspecified misadventure during medical care	871-876	7	0.1
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication without mention of misadventure at the time of procedure	878-879	171	1.4
Surgical operation and other surgical procedures	878	160	1.3
Other procedures	879	11	0.1
Accidental falls	880-888	671	5.6
Fall on or from stairs or steps	880	147	1.2
Fall from or out of building or other structure	882	30	0.3
Other fall from one level to another	881,883-884	67	0.6
Fracture, cause unspecified	887	229	1.9
Other and unspecified fall	885-886,888	198	1.7

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-6
RESIDENT DEATHS BY CAUSE, NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	NUMBER OF DEATHS	RATE PER 100,000 POPULATION
Accidents caused by fire and flames	890-899	242	2.0
Conflagration in private dwelling	890	197	1.7
Other accident caused by fire and flames	891-899	45	0.4
Accidents due to natural and environmental factors	900-909	77	0.6
Excessive cold	901	40	0.3
Other accidents due to natural and environmental factors	900,902-909	37	0.3
Accidents caused by submersion, suffocation and foreign bodies	910-915	400	3.4
Accidental drowning and submersion	910	148	1.2
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	92	0.8
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation	912	131	1.1
Accidental mechanical suffocation	913	29	0.2
Foreign body accidentally entering oriface	914-915	0	-
Other accidents	916-928	400	3.4
Struck accidentally by falling object	916	51	0.4
Accidents caused by machinery	919	63	0.5
Accidents caused by firearm missle	922	43	0.4
Accidents caused by,electric currant	925	34	0.3
Other and unspecified causes	917-918,920-921 923-924,926-928	209	1.8
Late effects of accidental injury	929	35	0.3
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	930-949	12	0.1
Suicide	950-959	1,408	11.8
By solid or liquid substances	950	132	1.1
By gases and vapors	951-952	138	1.2
By hanging, strangulation and suffocation	953	233	2.0
By submersion (drowning)	954	27	0.2
By firearms and explosives	955	753	6.3
By jumping from high place	957	57	0.5
By other and unspecified means and late effects	956,958-959	68	0.6
Homicide	960-969	570	4.8
Assault by hanging and strangulation	963	26	0.2
Assault by firearms and explosives	965	304	2.6
Assault by cutting and piercing instrument	966	139	1.2
Other injuries and late effects	960-962,964,967-969	101	0.8
Legal intervention	970-978	10	0.1
Injury undetermined whether accidentally or purposely inflicted	980-989	188	1.6
Poisoning by solid or liquid substance	980	78	0.7
Poisoning by gases	981-982	12	0.1
Submersion (drowning)	984	20	0.2
Injury by firearms and explosives	985	15	0.1
Other injuries and late effects	983,986-989	63	0.5
Injury resulting from operations of war	990-999	0	-

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.

TABLE C-7
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1984

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
ALL CAUSES	001-999	1,634	10.4	704	254	171	505
INFECTIOUS AND PARASITIC DISEASES	001-139	19	0.1	0	0	1	18
Septicemia	038	9	0.1	0	0	0	9
NEOPLASMS	140-239	6	0.0	1	1	0	4
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES AND IMMUNITY DISORDERS	240-279	13	0.1	4	0	1	8
DISEASES OF BLOOD AND BLOOD-FORMING ORGANS	280-289	3	0.0	0	0	0	3
MENTAL DISORDERS	290-319	0	-	0	0	0	0
DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	320-389	31	0.2	1	1	1	28
Meningitis	320-322	8	0.1	0	0	1	7
DISEASES OF THE CIRCULATORY SYSTEM	390-459	47	0.3	6	9	3	29
Cardiac dysrhythmias	427	17	0.1	3	2	0	12
DISEASES OF THE RESPIRATORY SYSTEM	460-519	39	0.2	1	2	1	35
Pneumonia	480-486	20	0.1	0	1	1	18
DISEASES OF THE DIGESTIVE SYSTEM	520-579	14	0.1	3	1	2	8
Noninfective enteritis and colitis	555-558	4	0.0	0	1	1	2
DISEASES OF THE GENITOURINARY SYSTEM	580-629	8	0.1	0	1	0	7
DISEASES OF THE CUTANEOUS AND MUSCULOSKELETAL SYSTEMS	680-739	0	-	0	0	0	0
CONGENITAL ANOMALIES	740-759	366	2.3	121	95	49	101
Anencephalus and similar anomalies	740	29	0.2	25	3	1	0
Spina bifida	741	7	0.0	2	2	0	3
Other congenital anomalies of nervous system and sense organs	742-744	22	0.1	3	4	3	12
Microcephalus	742.1	6	0.0	0	1	1	4
Congenital hydrocephalus	742.3	7	0.0	1	1	1	4
Bulbus cordis anomalies and anomalies of cardiac septal closure	745	32	0.2	1	8	6	17
Transposition of great vessels	745.1	6	0.0	0	2	0	4
Tetralogy of Fallot	745.2	9	0.1	0	0	2	7

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-7
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
Other congenital anomalies of heart	746	71	0.5	6	18	16	31
Hypoplastic left heart syndrome	746.7	16	0.1	0	8	5	3
Other congenital anomalies of circulatory system	747	37	0.2	9	17	4	7
Coarctation of aorta	747.1	4	0.0	0	2	0	2
Anomalies of pulmonary artery	747.3	4	0.0	2	1	0	1
Anomalies of great veins	747.4	5	0.0	1	0	2	2
Congenital anomalies of respiratory system	748	48	0.3	27	13	3	5
Anomalies of larynx, trachea, and bronchus	748.2-748.3	3	0.0	1	1	0	1
Agenesis, hypoplasia and dysplasia of lung	748.5	36	0.2	23	12	1	0
Congenital anomalies of upper alimentary system	749-750	1	0.0	0	0	1	0
Congenital anomalies of digestive system	751	4	0.0	0	0	3	1
Congenital anomalies of genitourinary system	752-753	20	0.1	14	2	2	2
Renal agenesis and dysgenesis	753.0	16	0.1	12	2	2	0
Congenital musculoskeletal anomalies	754-756	29	0.2	12	11	4	2
Anomalies of diaphragm	756.6	22	0.1	7	11	4	0
Congenital anomalies of the integument	757	1	0.0	0	0	0	1
Chromosomal anomalies	758	36	0.2	3	12	3	18
Down syndrome	758.0	5	0.0	1	0	0	4
Patau's syndrome	758.1	10	0.1	0	6	1	3
Edward's syndrome	758.2	17	0.1	1	4	2	10
Other and unspecified congenital anomalies	759	29	0.2	19	5	3	2
Multiple congenital anomalies, so described	759.7	20	0.1	13	4	2	1
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	852	5.4	562	143	91	56
Newborn affected by maternal conditions which may be unrelated to present pregnancy	760	2	0.0	0	1	0	1
Newborn affected by maternal complications of pregnancy	761	60	0.4	58	1	1	0
Incompetent cervix	761.0	12	0.1	12	0	0	0
Premature rupture of membranes	761.1	18	0.1	16	1	1	0
Multiple pregnancy	761.5	26	0.2	26	0	0	0
Newborn affected by complications of placenta, cord, and membranes	762	67	0.4	61	5	0	1
Placenta previa	762.0	2	0.0	2	0	0	0
Other forms of placental separation and hemorrhage	762.1	36	0.2	35	0	0	1
Prolapsed cord and other compression of umbilical cord	762.4-762.5	2	0.0	1	1	0	0
Chorioamnionitis	762.7	23	0.1	19	4	0	0
Newborn affected by other complications of labor and delivery	763	2	0.0	2	0	0	0
Slow fetal growth and fetal malnutrition	764	4	0.0	4	0	0	0
Disorders relating to short gestation and unspecified low birth weight	765	178	1.1	172	5	0	1
Extreme immaturity	765.0	108	0.7	107	0	0	1
Other preterm infant	765.1	70	0.4	65	5	0	0
Disorders relating to long gestation and high birth weight	766	0	-	0	0	0	0
Birth trauma	767	21	0.1	5	9	5	2
Subdural and cerebral hemorrhage	767.0	18	0.1	4	9	5	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-7
RESIDENT INFANT DEATHS BY CAUSE AND AGE AT DEATH,
NUMBER AND RATE: PENNSYLVANIA, 1984 (CONT'D)

CAUSE OF DEATH	CODE NO.*	INFANT DEATHS					
		TOTAL		NEONATAL			POST NEONATAL
		NUMBER	RATE**	UNDER 1 DAY	1-6 DAYS	7-27 DAYS	28-364 DAYS
Intrauterine hypoxia and birth asphyxia	768	46	0.3	31	7	5	3
Fetal distress	768.2-768.4	16	0.1	9	4	2	1
Birth asphyxia	768.5-768.9	30	0.2	22	3	3	2
Respiratory distress syndrome	769	133	0.8	49	47	28	9
Other respiratory conditions of newborn	770	150	1.0	66	30	24	30
Congenital pneumonia	770.0	4	0.0	2	1	1	0
Massive aspiration syndrome	770.1	13	0.1	3	9	1	0
Interstitial emphysema and related conditions	770.2	9	0.1	2	3	4	0
Primary atelectasis	770.4	20	0.1	15	4	1	0
Chronic respiratory disease arising in the perinatal period	770.7	36	0.2	1	0	9	26
Other and unspecified respiratory problems during perinatal period	770.3,770.5,770.8,770.9	68	0.4	43	13	8	4
Infections specific to the perinatal period	771	37	0.2	7	16	9	5
Neonatal hemorrhage	772	9	0.1	3	3	3	0
Intraventricular hemorrhage	772.1	6	0.0	2	3	1	0
Hemolytic disease of newborn due to isoimmunization and other perinatal jaundice	773-774	0	-	0	0	0	0
Endocrine and metabolic disturbances specific to the newborn	775	0	-	0	0	0	0
Hematological disorders of newborn	776	4	0.0	1	1	2	0
Perinatal disorders of digestive system	777	18	0.1	0	2	12	4
Necrotizing enterocolitis in newborn	777.5	18	0.1	0	2	12	4
Conditions involving the integument and temperature regulation of newborn	778	2	0.0	2	0	0	0
Other and ill-defined conditions originating in the perinatal period	779	119	0.8	101	16	2	0
SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	780-799	189	1.2	1	1	17	170
Sudden infant death syndrome	798.0	184	1.2	0	1	16	167
EXTERNAL CAUSES OF INJURY AND POISONING	800-999	47	0.3	4	0	5	38
Motor vehicle accidents	810-825	4	0.0	1	0	0	3
Other transport accidents	800-807,826-848	0	-	0	0	0	0
Accidental poisoning	850-869	0	-	0	0	0	0
Misadventures to patients during surgical and medical care	870-876	2	0.0	0	0	0	2
Surgical and medical procedures as the cause of abnormal reaction of patient or later complication	878-879	0	-	0	0	0	0
Accidental falls	880-888	2	0.0	0	0	1	1
Accidents caused by fire and flames	890-899	11	0.1	0	0	0	11
Accidents due to natural and environmental factors	900-909	1	0.0	0	0	0	1
Accidents caused by submersion, suffocation, and foreign bodies	910-915	13	0.1	1	0	0	12
Accidental drowning and submersion	910	2	0.0	1	0	0	1
Inhalation and ingestion of food causing obstruction of respiratory tract or suffocation	911	3	0.0	0	0	0	3
Inhalation and ingestion of other object causing obstruction of respiratory tract or suffocation	912	2	0.0	0	0	0	2
Accidental mechanical suffocation	913	6	0.0	0	0	0	6
Other accidents and late effects of accidental injury	916-929	0	-	0	0	0	0
Drugs, medicaments, and biological substances causing adverse effects in therapeutic use	930-949	0	-	0	0	0	0
Homicide	960-969	11	0.1	0	0	3	8
Injury undetermined whether accidentally or purposely inflicted	980-989	3	0.0	2	0	1	0

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 LIVE BIRTHS.

TABLE C-8
FETAL DEATHS BY CAUSE, NUMBER AND RATE:
PENNSYLVANIA, 1984

CAUSE OF DEATH	CODE NO.*	NUMBER	RATE**
ALL CAUSES	001-999	3,141	19.6
CONGENITAL ANOMALIES	740-759	123	0.8
Anencephalus and similar anomalies	740	36	0.2
Spina bifida	741	2	0.0
Other congenital anomalies of nervous system and sense organs	742-744	13	0.1
Congenital hydrocephalus	742.3	7	0.0
Chromosomal anomalies	758	14	0.1
Other and unspecified congenital anomalies	745-757,759	58	0.4
Multiple congenital anomalies,so described	759.7	38	0.2
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD	760-779	3,002	18.8
Fetus affected by maternal conditions which may be unrelated to present pregnancy	760	71	0.4
Maternal hypertensive disorders	760.0	52	0.3
Maternal infections	760.2	3	0.0
Maternal injury	760.5	10	0.1
Fetus affected by maternal complications of pregnancy	761	236	1.5
Incompetent cervix	761.0	44	0.3
Premature rupture of membranes	761.1	140	0.9
Polyhydramnios	761.3	3	0.0
Multiple pregnancy	761.5	33	0.2
Fetus affected by complications of placenta, cord, and membranes	762	609	3.8
Placenta praevia	762.0	18	0.1
Other forms of placental separation and hemorrhage	762.1	209	1.3
Other and unspecified morphological and functional abnormalities of placenta	762.2	90	0.6
Placental transfusion syndromes	762.3	6	0.0
Prolapsed cord	762.4	22	0.1
Other compression of umbilical cord	762.5	115	0.7
Other and unspecified conditions of umbilical cord	762.6	117	0.7
Chorioamnionitis	762.7	31	0.2
Fetus affected by other complications of labor and delivery	763	9	0.1
Slow fetal growth and fetal malnutrition	764	4	0.0
Disorders relating to short gestation and unspecified low birth weight	765	186	1.2
Intrauterine hypoxia and birth asphyxia	768	82	0.5
Respiratory distress syndrome	769	1	0.0
Other respiratory conditions of fetus	770	5	0.0
Infections specific to the perinatal period	771	3	0.0
Fetal hemorrhage	772	1	0.0
Hemolytic disease of fetus due to isoimmunization	773	4	0.0
Endocrine and metabolic disturbances specific to the fetus	775	16	0.1
Maternal diabetes mellitus affecting fetus	775.0	16	0.1
Hematological disorders of fetus	776	0	0.0
Other and ill-defined conditions originating in the perinatal period	766-767,774,777-779	1,775	11.1
Termination of pregnancy	779.6	1,332	8.3
OTHER AND UNKNOWN CAUSES	001-739,780-999	16	0.1

* INTERNATIONAL CLASSIFICATION OF DISEASES, NINTH REVISION, 1975.
**RATE PER 1,000 DELIVERIES (LIVE BIRTHS + FETAL DEATHS).

TABLE C-9A
HEART DISEASE DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1984

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1984	48,645	408.8	766,130**	324.4					
1983	49,780	418.5	766,420**	327.6	1966	53,874	462.7	727,002	371.2
1982	48,470	407.8	755,592	326.0	1965	52,685	456.7	712,087	367.4
1981	48,786	411.2	753,884	328.7	1964	52,078	454.5	699,861	365.7
1980	50,677	427.2	761,085	336.0	1963	53,495	468.3	707,830	375.2
1979	48,407	412.7	733,235	333.1	1962	52,751	463.7	688,009	370.1
1978	48,573	413.3	729,510	334.3	1961	51,735	451.1	663,391	362.4
1977	48,444	411.1	718,850	332.3	1960	51,431	454.4	661,712	369.0
1976	49,730	419.2	723,878	337.2	1959	50,196	443.3	641,044	363.2
1975	49,323	417.0	716,215	336.2	1958	49,673	447.5	637,246	367.7
1974	50,625	427.7	738,171	349.2	1957	49,393	442.4	628,504	369.6
1973	52,730	443.0	757,075	360.8	1956	47,796	429.4	602,995	361.1
1972	53,098	445.2	755,864	363.0	1955	46,690	421.8	584,620	356.5
1971	53,222	448.0	743,368	360.5	1954	44,382	407.3	560,077	348.3
1970	52,476	444.7	735,542	362.0	1953	45,784	422.8	570,275	361.2
1969	52,816	447.5	739,265	367.1	1952	44,246	412.2	555,141	357.4
1968	54,398	462.7	744,658	373.5	1951	44,443	419.4	545,675	356.8
1967	53,121	456.1	721,268	364.5	1950	43,793	416.4	535,705	356.8

*RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

TABLE C-9B
RESIDENT HEART DISEASE DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1984

		AGE AT DEATH (IN YEARS)								
TYPE OF HEART DISEASE*	ALL AGES	UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
TOTAL HEART DISEASE	48,645	55	16	47	135	612	1,979	6,240	12,262	27,299
RHEUMATIC HEART DISEASE	530	1	0	0	5	16	43	102	180	183
HEART DISEASE WITH HYPERTENSION	1,132	0	0	0	4	13	31	135	288	661
ACUTE MYOCARDIAL INFARCTION	17,930	1	0	3	31	249	1,022	3,057	5,453	8,114
ISCHEMIC EXCL. MYOCARDIAL INFARCTION	14,718	0	1	3	6	124	370	1,301	3,200	9,713
DISEASES OF PULMONARY CIRCULATION	845	7	1	7	13	29	55	145	242	346
OTHER HEART DISEASE	13,490	46	14	34	76	181	458	1,500	2,899	8,282

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
RHEUMATIC HEART DISEASE=390-398
HEART DISEASE WITH HYPERTENSION=402,404
ACUTE MYOCARDIAL INFARCTION=410
ISCHEMIC EXCL. MYOCARDIAL INFARCTION=411-414
DISEASES OF PULMONARY CIRCULATION=415-417
OTHER HEART DISEASE=420-429

FIGURE C-7
HEART DISEASE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

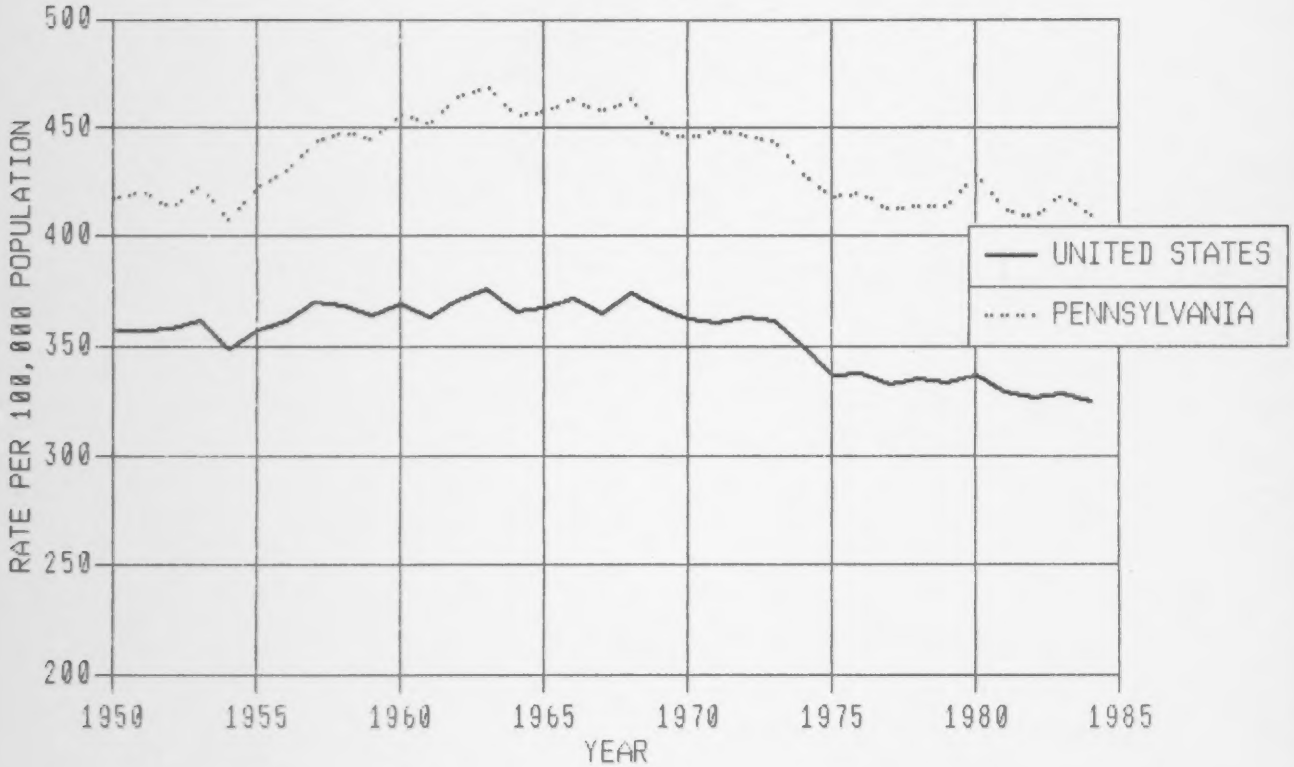


FIGURE C-8
RESIDENT HEART DISEASE DEATHS
PERCENT BY TYPE: PENNSYLVANIA, 1984

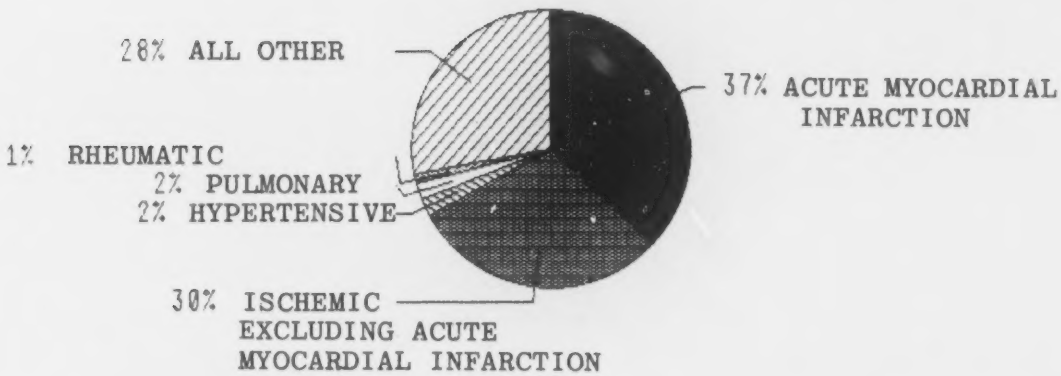


FIGURE C-9
RESIDENT HEART DISEASE DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1984

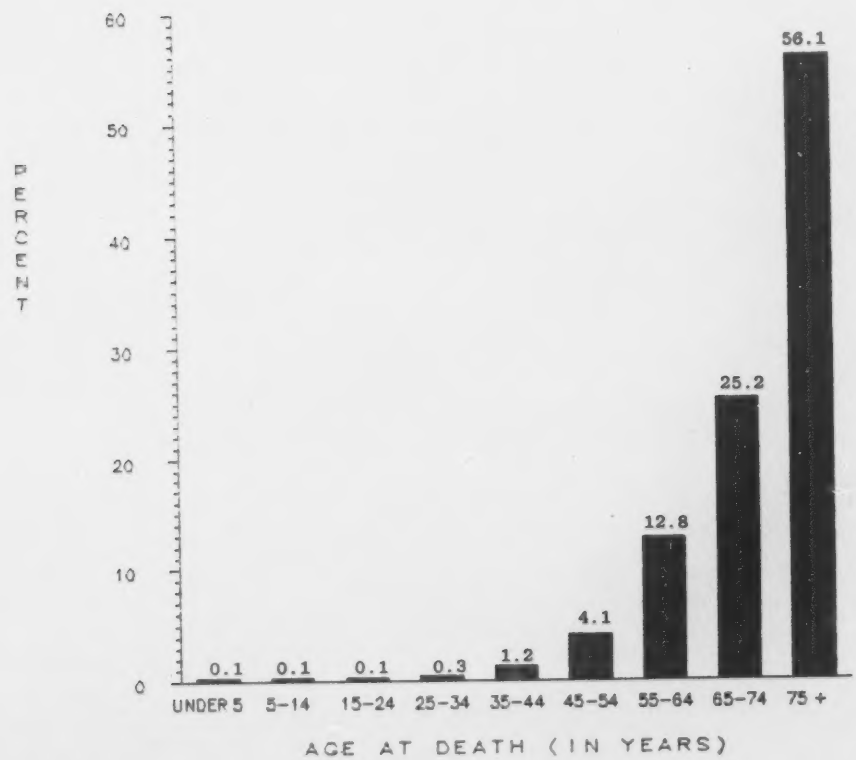


TABLE C-10A
MALIGNANT NEOPLASM DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1984

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1984	27,468	230.8	452,470**	191.6					
1983	26,917	226.3	440,620**	188.3	1966	21,182	182.0	303,736	155.1
1982	26,483	222.8	433,795	187.2	1965	20,767	180.0	297,588	153.5
1981	26,059	219.6	422,094	184.0	1964	20,611	179.9	289,577	151.3
1980	26,040	219.5	416,509	183.9	1963	20,316	177.8	285,362	151.3
1979	25,374	216.3	403,395	183.3	1962	20,003	175.8	278,562	149.9
1978	25,376	215.9	396,992	181.9	1961	19,933	173.8	273,502	149.4
1977	24,244	205.7	386,686	178.7	1960	19,612	173.3	267,627	149.2
1976	24,175	203.8	377,312	175.8	1959	19,218	169.7	260,047	147.3
1975	23,547	199.1	365,693	171.7	1958	18,856	169.9	254,426	146.8
1974	23,239	196.4	360,472	170.5	1957	19,066	170.8	253,183	148.7
1973	22,709	190.8	351,055	167.3	1956	18,726	168.2	247,357	147.9
1972	22,733	190.6	345,618	166.0	1955	18,259	164.0	240,681	146.5
1971	22,364	188.3	337,398	163.6	1954	17,974	165.0	234,669	145.6
1970	22,013	186.5	330,730	162.8	1953	17,531	161.9	229,079	144.7
1969	22,124	187.4	323,092	160.4	1952	17,335	161.5	223,277	143.3
1968	22,065	187.7	318,547	159.8	1951	16,678	157.4	215,525	140.5
1967	21,450	184.2	310,983	157.2	1950	16,326	155.2	210,733	139.8

*RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-10
MALIGNANT NEOPLASM DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

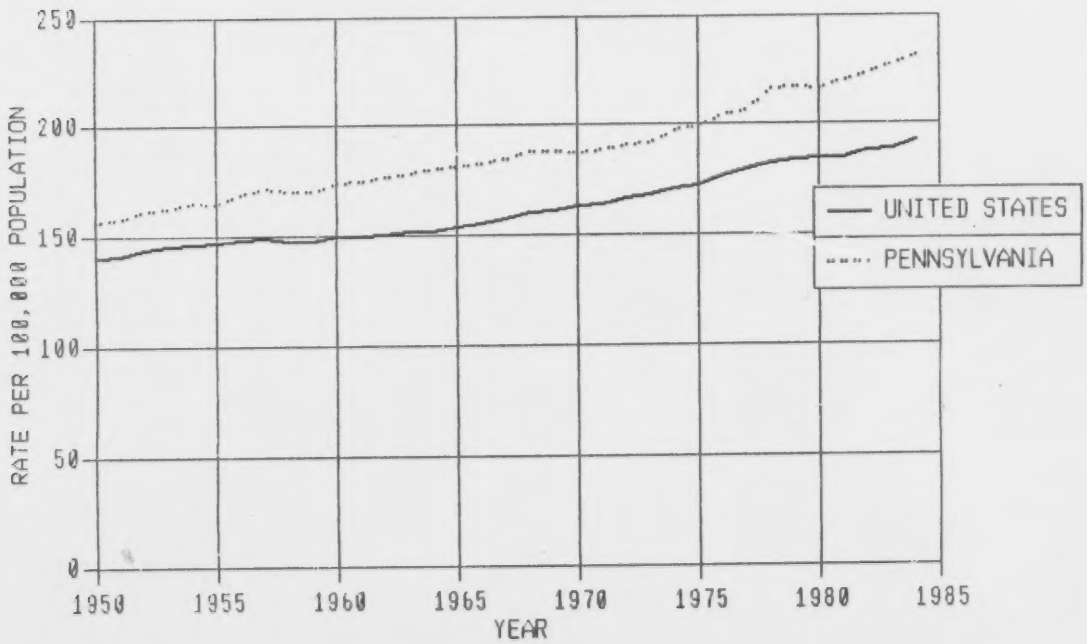


TABLE C-10B
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1984

MALIGNANT NEOPLASM SITE*	ALL AGES	AGE AT DEATH (IN YEARS)								
		UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
TOTAL MALIGNANT NEOPLASMS	27,468	16	52	97	238	698	2,063	6,173	8,849	9,282
BUCCAL CAVITY & PHARYNX	442	0	1	0	0	13	49	148	136	95
DIGESTIVE SYSTEM	7,388	0	0	5	21	122	434	1,410	2,366	3,030
RESPIRATORY SYSTEM	7,112	0	1	1	11	113	619	2,027	2,641	1,699
BONE, TISSUE, SKIN & BREAST	3,091	2	3	19	69	188	346	776	837	851
GENITOURINARY SYSTEM	3,917	3	2	5	33	72	205	685	1,144	1,768
OTHER & UNSPECIFIED SITES	3,061	7	14	21	39	98	238	673	967	1,004
LEUKEMIA	989	4	25	30	28	48	56	170	272	356
LYMPHATIC & HEMATOPOIETIC	1,468	0	6	16	37	44	116	284	486	479

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203

TABLE C-10C
RESIDENT MALIGNANT NEOPLASM DEATHS BY TYPE AND SEX,
NUMBER AND PERCENT: PENNSYLVANIA, 1984

MALIGNANT NEOPLASM SITE*	TOTAL	MALE		FEMALE	
		NUMBER	PERCENT	NUMBER	PERCENT
TOTAL MALIGNANT NEOPLASMS	27,468	14,523	52.9	12,945	47.1
BUCCAL CAVITY & PHARYNX	442	314	71.0	128	29.0
DIGESTIVE SYSTEM	7,388	3,830	51.8	3,558	48.2
RESPIRATORY SYSTEM	7,112	4,982	70.1	2,130	29.9
BONE, TISSUE, SKIN & BREAST	3,091	352	11.4	2,739	88.6
GENITOURINARY SYSTEM	3,917	2,222	56.7	1,695	43.3
OTHER & UNSPECIFIED SITES	3,061	1,538	50.2	1,523	49.8
LEUKEMIA	989	540	54.6	449	45.4
LYMPHATIC & HEMATOPOIETIC	1,468	745	50.7	723	49.3

*THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
BUCCAL CAVITY AND PHARYNX=140-149
DIGESTIVE SYSTEM=150-159
RESPIRATORY SYSTEM=160-165
BONE, TISSUE, SKIN AND BREAST=170-175
GENITOURINARY SYSTEM=179-189
OTHER AND UNSPECIFIED SITES=190-199
LEUKEMIA=204-208
LYMPHATIC AND HEMATOPOIETIC=200-203

FIGURE C-11
RESIDENT MALIGNANT NEOPLASM DEATHS
PERCENT BY TYPE: PENNSYLVANIA, 1984

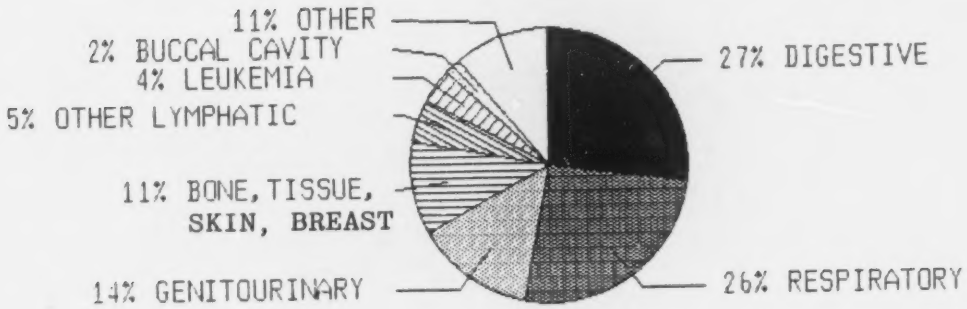


FIGURE C-12
RESIDENT MALIGNANT NEOPLASM DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1984

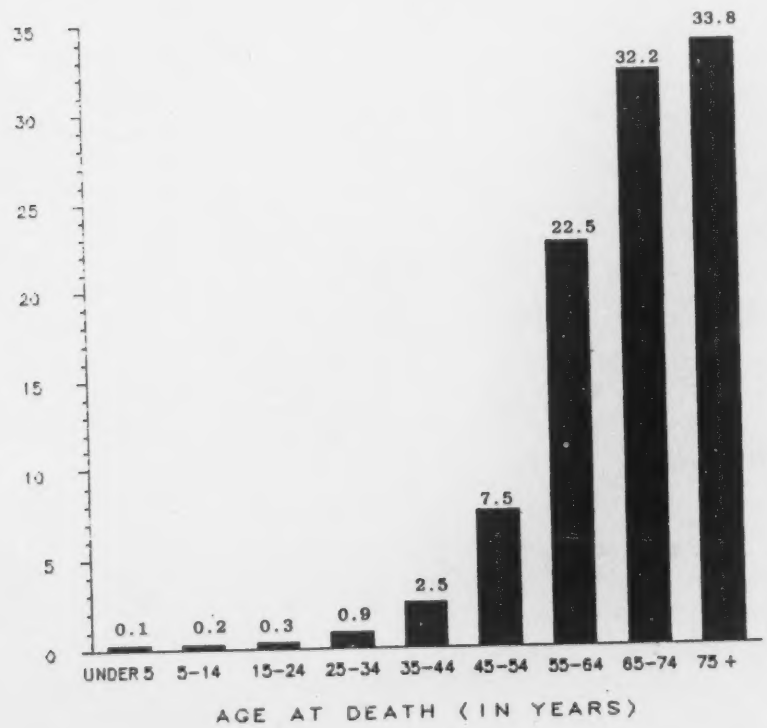
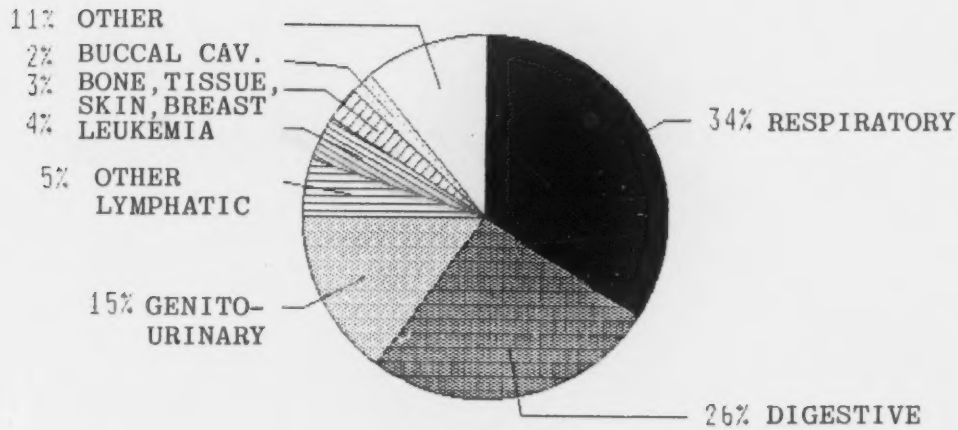
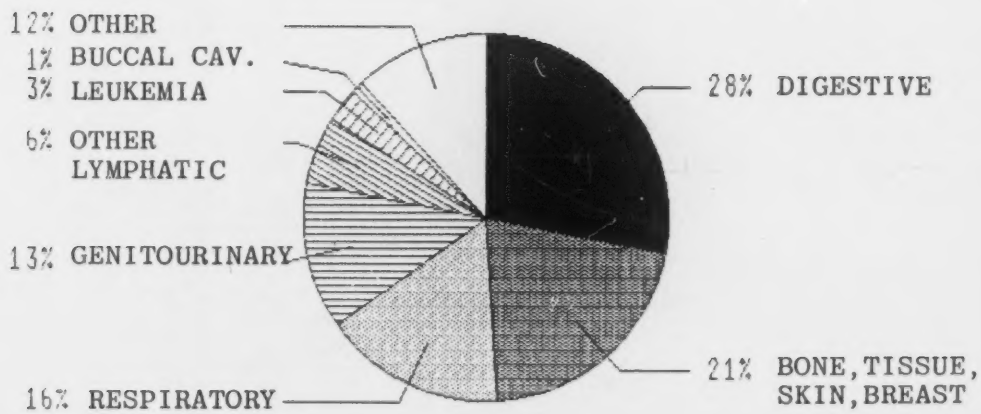


FIGURE C-13
RESIDENT MALIGNANT NEOPLASM DEATHS BY SEX,
PERCENT BY TYPE: PENNSYLVANIA, 1984



MALE



FEMALE

TABLE C-11A
ACCIDENTAL DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1984

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1984	4,178	35.1	94,610**	40.1					
1983	4,147	34.9	91,290**	39.0	1966	5,223	44.9	113,563	58.0
1982	4,112	34.6	94,082	40.6	1965	5,351	46.4	108,004	55.7
1981	4,375	36.9	100,704	43.9	1964	5,165	45.1	103,843	54.3
1980	4,586	38.7	105,718	46.7	1963	5,154	45.1	100,669	53.4
1979	4,777	40.7	105,312	47.8	1962	5,024	44.2	97,139	52.3
1978	4,487	38.2	105,561	48.4	1961	4,762	41.5	92,249	50.4
1977	4,654	39.5	103,202	47.7	1960	4,866	43.0	93,806	52.3
1976	4,531	38.2	100,761	46.9	1959	5,036	44.5	92,080	52.2
1975	4,702	39.8	103,030	48.4	1958	5,056	45.5	90,604	52.3
1974	4,798	40.6	104,622	49.5	1957	5,374	48.1	95,307	56.0
1973	5,140	43.2	115,821	55.2	1956	5,430	48.8	94,780	56.7
1972	5,259	44.1	115,448	55.4	1955	5,659	50.8	93,443	56.9
1971	5,387	45.3	113,439	55.0	1954	5,472	50.2	90,032	55.9
1970	5,336	45.2	114,638	57.6	1953	5,747	53.1	95,032	60.0
1969	5,362	45.4	116,385	57.8	1952	5,783	53.9	96,172	61.7
1968	5,589	47.5	114,864	57.6	1951	5,831	55.0	95,871	62.5
1967	5,459	46.9	113,169	57.2	1950	5,597	54.2	91,249	60.6

*RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

TABLE C-11B
RESIDENT ACCIDENTAL DEATHS BY TYPE AND AGE
PENNSYLVANIA, 1984

		AGE AT DEATH (IN YEARS)								
YPE OF ACCIDENTAL DEATH*	ALL AGES	UNDER 5	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75 & OVER
TOTAL ACCIDENTAL DEATHS	4,178	122	176	783	610	367	297	412	476	935
MOTOR VEHICLE	1,842	31	95	581	373	204	138	149	136	135
POISONING	234	6	3	39	81	37	14	14	17	23
SURGICAL COMPLICATIONS/MISADVENTURES	191	3	0	0	2	2	9	35	52	88
FALLS	671	4	5	14	25	17	38	62	112	394
FIRES	242	39	28	16	22	18	23	29	27	40
SUBMERSION/SUFFOCATION & FOREIGN BODIES	400	30	14	61	27	24	26	40	57	121
OTHER ACCIDENTS	598	9	31	72	80	65	49	83	75	134

* THE FOLLOWING 9TH REVISION ICD CODES WERE USED IN THIS TABLE:
MOTOR VEHICLE=E810-E825
POISONING=E850-E869
SURGICAL COMPLICATIONS/MISADVENTURES=E870-E879
FALLS=E880-E888
FIRES=E890-E899
SUBMERSION/SUFFOCATION & FOREIGN BODIES=E910-E915
OTHER ACCIDENTS=E800-E807, E826-E848, E900-E909, E916-E949

FIGURE C-14
ACCIDENTAL DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

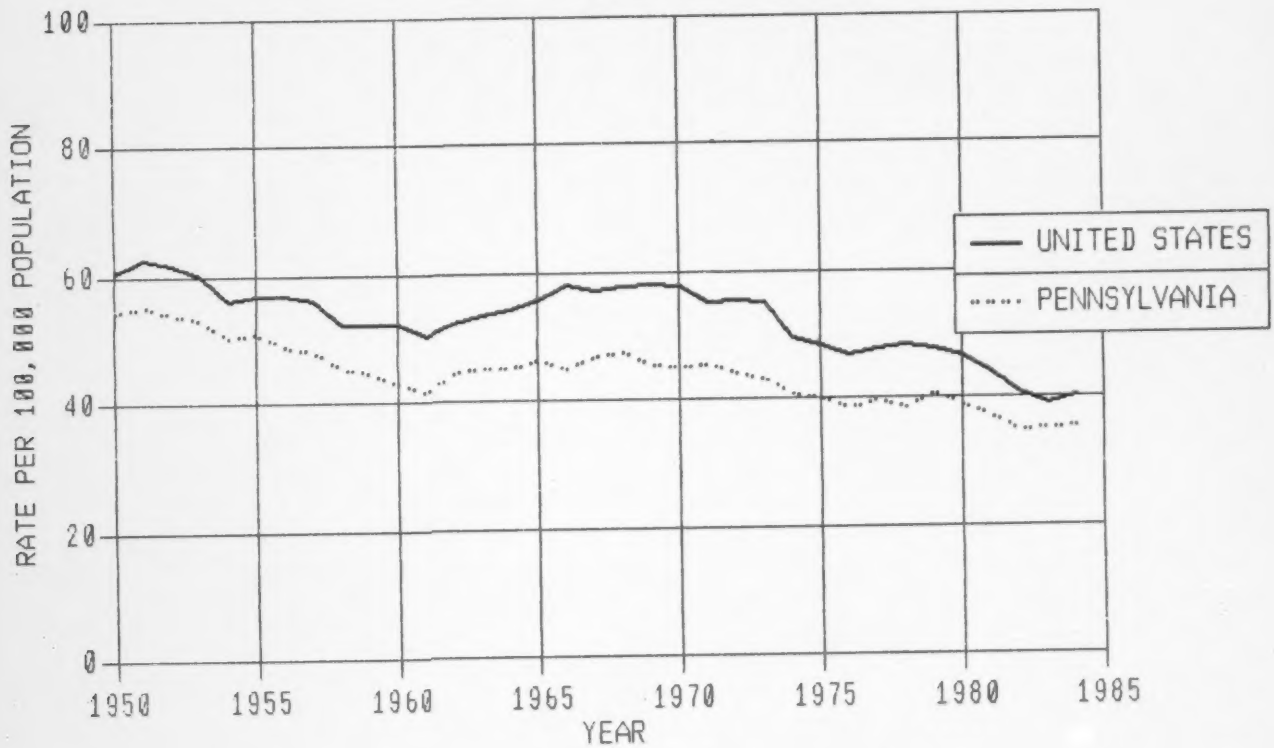


FIGURE C-15
RESIDENT ACCIDENTAL DEATHS, PERCENT BY TYPE
PENNSYLVANIA, 1984

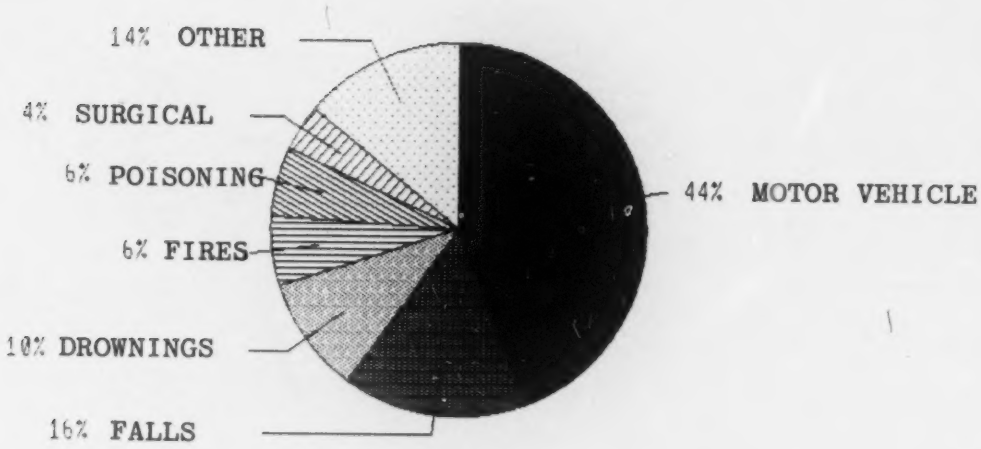


FIGURE C-16
RESIDENT ACCIDENTAL DEATHS, PERCENT BY AGE GROUP
PENNSYLVANIA, 1984

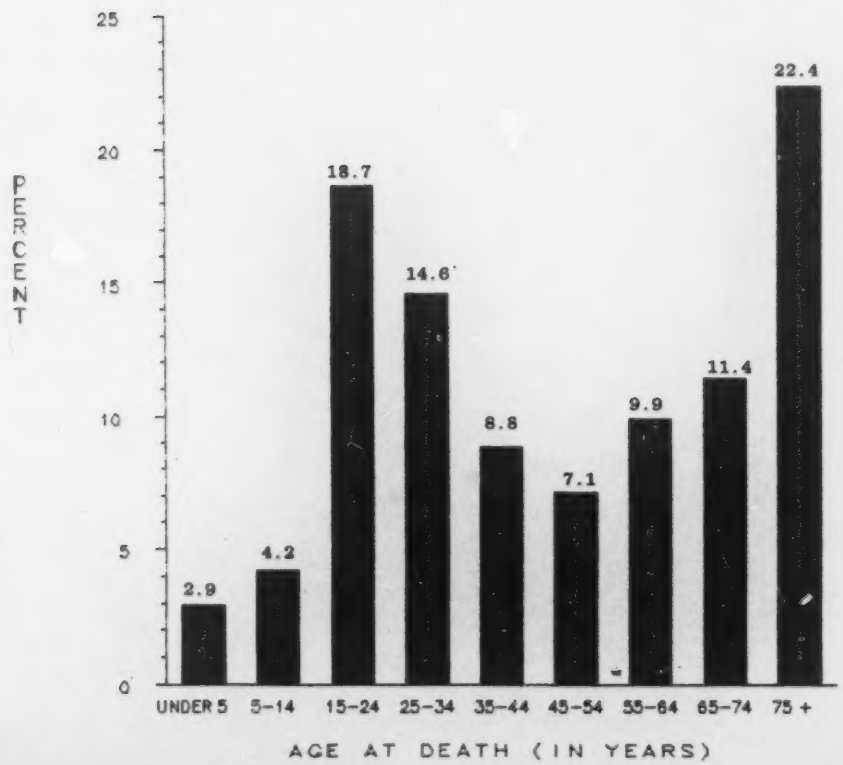


TABLE C-12
PNEUMONIA AND INFLUENZA DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1984

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1984	2,885	24.2	59,020**	25.0					
1983	2,651	22.3	53,590**	22.9	1966	3,515	30.2	63,615	32.5
1982	2,386	20.1	48,886	21.1	1965	3,709	32.2	61,903	31.9
1981	2,682	22.6	53,731	23.4	1964	3,393	29.6	59,451	31.1
1980	2,869	24.2	54,619	24.1	1963	4,294	37.6	70,761	37.5
1979	2,239	19.1	45,030	20.5	1962	3,529	31.0	59,995	32.3
1978	2,776	23.6	58,319	26.7	1961	3,247	28.3	55,175	30.1
1977	2,866	24.3	51,193	23.7	1960	3,889	34.3	66,803	37.3
1976	3,412	28.8	61,866	28.8	1959	3,293	29.1	55,039	31.2
1975	3,187	26.9	55,664	26.1	1958	3,494	31.5	57,439	33.1
1974	3,067	25.9	54,777	25.9	1957	3,833	34.3	61,001	35.8
1973	3,590	30.2	62,559	29.8	1956	2,996	26.9	47,103	28.2
1972	3,476	29.1	62,580	30.1	1955	2,862	25.7	44,510	27.1
1971	3,199	26.9	57,194	27.7	1954	2,406	22.1	40,991	25.4
1970	3,466	29.4	62,739	30.9	1953	3,061	28.3	52,238	33.0
1969	3,896	33.0	68,365	33.9	1952	3,113	29.0	46,265	29.7
1968	4,340	36.9	73,492	36.9	1951	3,379	31.9	48,169	31.4
1967	3,225	27.7	56,892	28.8	1950	3,116	29.6	47,120	31.3

*RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-17
PNEUMONIA AND INFLUENZA DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

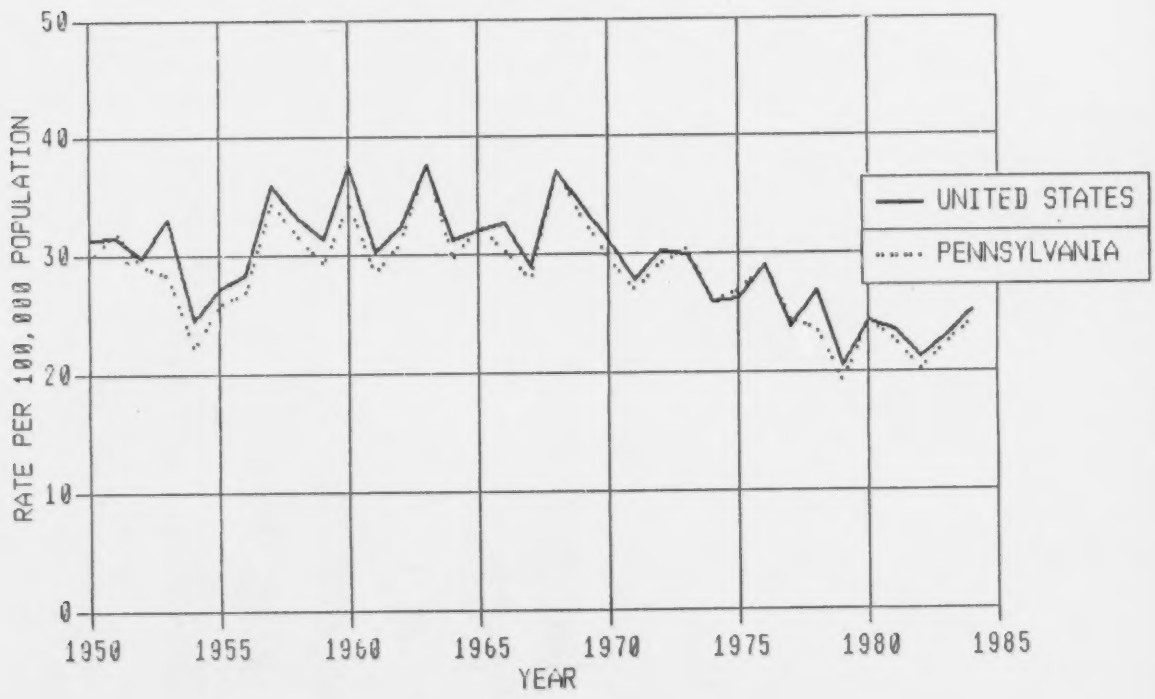


TABLE C-13
SUICIDE DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1984

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1984	1,408	11.8	29,060**	12.3					
1983	1,340	11.3	29,080**	12.4	1966	1,099	9.4	21,281	10.9
1982	1,344	11.3	28,242	12.2	1965	1,131	9.8	21,507	11.1
1981	1,310	11.0	27,596	12.0	1964	1,100	9.6	20,588	10.8
1980	1,317	11.1	26,869	11.9	1963	1,134	9.9	20,825	11.0
1979	1,346	11.5	27,206	12.4	1962	1,150	10.1	20,207	10.9
1978	1,396	11.9	27,294	12.5	1961	1,097	9.6	18,999	10.4
1977	1,430	12.1	28,681	13.3	1960	1,099	9.7	19,041	10.6
1976	1,371	11.6	26,832	12.5	1959	1,100	9.9	18,633	10.6
1975	1,377	11.6	27,063	12.7	1958	1,113	10.0	18,519	10.7
1974	1,318	11.1	25,683	12.1	1957	1,044	9.3	16,632	9.8
1973	1,342	11.3	25,118	12.0	1956	1,121	10.1	16,727	10.0
1972	1,349	11.3	25,004	12.0	1955	1,035	9.3	16,760	10.2
1971	1,271	10.7	24,092	11.7	1954	988	9.1	16,356	10.1
1970	1,337	11.3	23,480	11.6	1953	1,006	9.3	15,947	10.1
1969	1,133	9.6	22,364	11.1	1952	1,028	9.6	15,567	10.0
1968	1,190	10.1	21,372	10.7	1951	1,083	10.2	15,909	10.4
1967	1,059	9.1	21,325	10.8	1950	1,101	10.5	17,145	11.4

*RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-18
SUICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

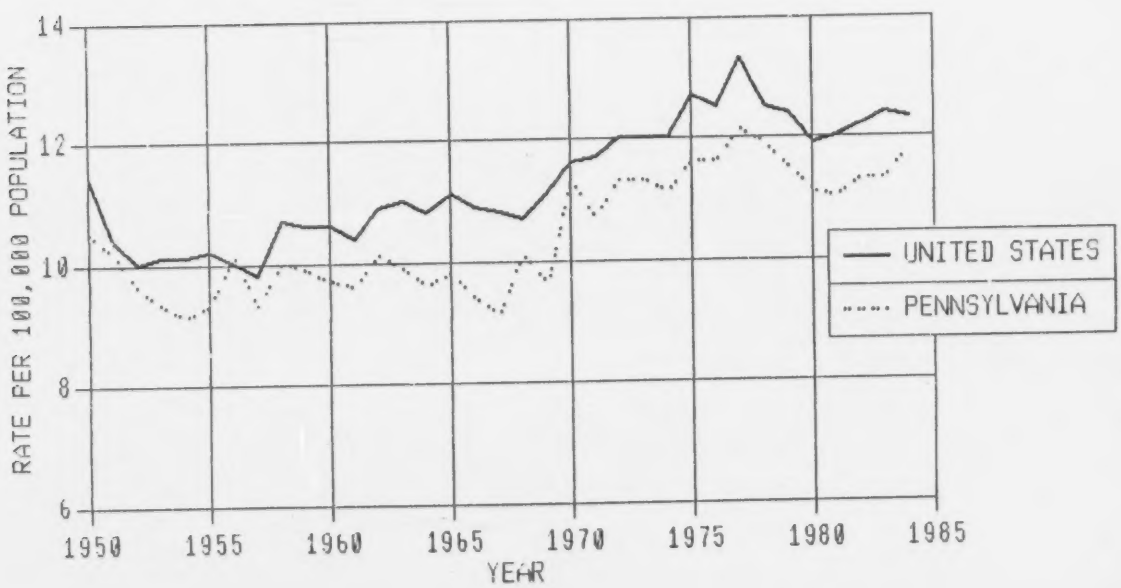


TABLE C-14
HOMICIDE DEATHS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES, 1950-1984

	PENNSYLVANIA		UNITED STATES			PENNSYLVANIA		UNITED STATES	
YEAR	NUMBER	RATE*	NUMBER	RATE*	YEAR	NUMBER	RATE*	NUMBER	RATE*
1984	580	4.9	19,530**	8.3					
1983	613	5.2	19,300**	8.2	1966	389	3.3	11,606	5.9
1982	713	6.0	22,358	9.6	1965	388	3.4	10,712	5.5
1981	768	6.5	23,646	10.3	1964	403	3.5	9,814	5.1
1980	827	7.0	24,278	10.7	1963	288	2.5	9,225	4.9
1979	760	6.5	22,550	10.2	1962	318	2.8	9,013	4.8
1978	736	6.3	20,432	9.4	1961	304	2.7	8,578	4.7
1977	668	5.7	19,968	9.2	1960	302	2.7	8,464	4.7
1976	746	6.3	19,554	9.1	1959	296	2.5	8,159	4.6
1975	843	7.1	21,310	10.0	1958	273	2.5	7,815	4.5
1974	859	7.3	21,465	10.2	1957	258	2.3	7,641	4.5
1973	826	6.9	20,465	9.8	1956	279	2.5	7,629	4.6
1972	761	6.4	19,638	9.4	1955	248	2.2	7,418	4.5
1971	749	6.3	18,787	9.1	1954	304	2.8	7,735	4.8
1970	657	5.6	16,848	8.3	1953	288	2.6	7,640	4.8
1969	516	4.4	15,477	7.7	1952	288	2.7	8,054	5.2
1968	473	4.0	14,686	7.4	1951	296	2.8	7,495	4.9
1967	459	3.9	13,425	6.8	1950	284	2.7	7,942	5.3

*RATE PER 100,000 POPULATION.
**PROVISIONAL DATA.

FIGURE C-19
HOMICIDE DEATH RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

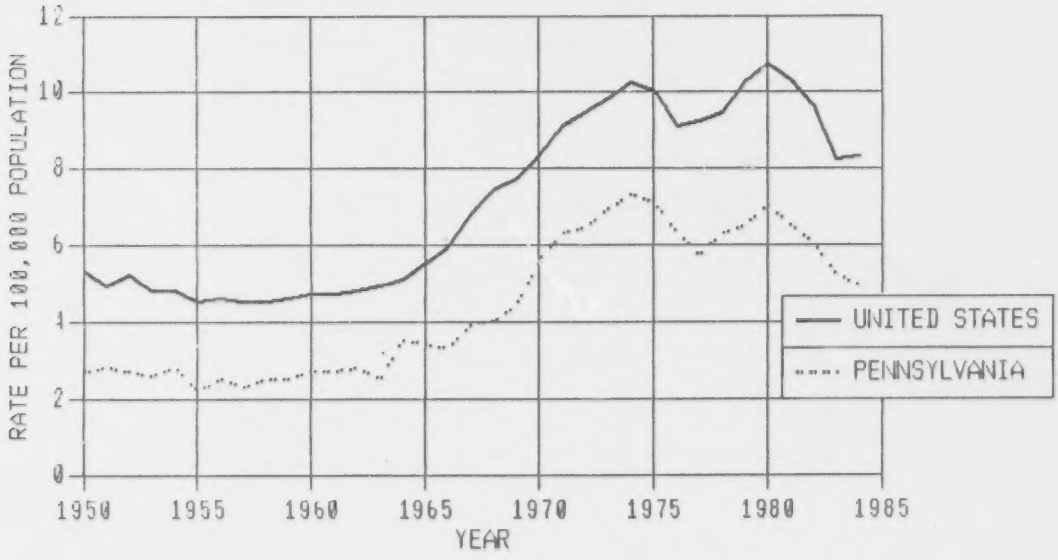


TABLE C-15
RESIDENT LIVE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL AND FETAL DEATHS
BY HEALTH SERVICE AREA, NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	LIVE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*
ALL AREAS	156,799	13.2	121,358	10.2	1,634	10.4	1,129	7.2	1,809	11.4
HSA 1 (SOUTHEAST)	53,395	14.4	37,791	10.2	643	12.0	436	8.2	678	12.5
HSA 2 (EASTERN)	11,669	12.2	9,255	9.7	95	8.1	71	6.1	110	9.3
HSA 3 (NORTHEAST)	9,245	11.5	10,202	12.7	87	9.4	58	6.3	105	11.2
HSA 4 (S.CENTRAL)	19,945	13.7	12,826	8.8	176	8.8	118	5.9	224	11.1
HSA 5 (CENTRAL)	9,742	12.8	7,393	9.7	79	8.1	43	4.4	113	11.5
HSA 6 (SOUTHWEST)	34,768	12.2	29,898	10.5	378	10.9	282	8.1	400	11.4
HSA 7 (NORTHWEST)	10,455	13.6	7,568	9.8	110	10.5	73	7.0	99	9.4
HSA 8 (NY-PENN)	1,514	13.9	1,097	10.1	11	7.3	6	4.0	12	7.9
HSA 9 (KEYSTONE)	6,066	12.2	5,328	10.7	55	9.1	42	6.9	68	11.1

* BIRTH AND TOTAL DEATH RATE PER 1,000 ESTIMATED 1984 POPULATION.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS.
FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

TABLE C-16
RESIDENT DEATHS BY AGE GROUP AND HEALTH SERVICE AREA
PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TOTAL DEATHS	AGE AT DEATH (IN YEARS)											
		UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALL AREAS	121,358	1,908	154	229	612	942	1,922	2,748	6,166	17,544	30,840	34,544	23,749
HSA 1-SOUTHEAST	37,791	739	55	63	190	332	754	1,052	2,174	5,658	9,134	10,401	7,239
HSA 2-NORTHEAST	9,255	114	7	9	42	77	133	190	447	1,260	2,376	2,742	1,858
HSA 3-EASTERN	10,202	102	8	20	55	57	109	160	440	1,438	2,960	3,115	1,737
HSA 4-S.CENTRAL	12,826	223	23	31	78	95	203	256	606	1,759	2,924	3,712	2,916
HSA 5-CENTRAL	7,393	92	16	20	41	53	93	153	319	969	1,836	2,257	1,544
HSA 6-SOUTHWEST	29,898	426	26	50	126	219	433	667	1,528	4,547	7,989	8,320	5,567
HSA 7-NORTHWEST	7,568	129	12	20	38	64	113	150	361	1,040	1,920	2,155	1,566
HSA 8-NY-PENN	1,097	17	1	3	11	8	18	22	51	133	271	315	247
HSA 9-KEYSTONE	5,328	66	5	13	31	37	66	98	240	740	1,430	1,527	1,075

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

TABLE C-17
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	121,358	1019.8	48,645	408.8	530	4.5	1,132	9.5	14,718	123.7	17,930	150.7	14,335	120.5
HSA 1 (SOUTHEAST)	37,791	1021.3	13,445	363.3	153	4.1	358	9.7	3,310	89.4	5,056	136.6	4,568	123.4
HSA 2 (EASTERN)	9,255	968.4	3,950	413.3	41	4.3	95	9.9	1,087	113.7	1,282	134.1	1,445	151.2
HSA 3 (NORTHEAST)	10,202	1269.2	4,548	565.8	52	6.5	120	14.9	1,370	170.4	1,599	198.9	1,407	175.0
HSA 4 (S.CENTRAL)	12,826	879.0	5,348	366.5	56	3.8	130	8.9	1,552	106.4	1,802	123.5	1,808	123.9
HSA 5 (CENTRAL)	7,393	974.3	3,079	405.8	27	3.6	67	8.8	842	111.0	1,264	166.6	879	115.8
HSA 6 (SOUTHWEST)	29,898	1050.6	12,513	439.7	130	4.6	214	7.5	4,614	162.1	4,579	160.9	2,976	104.6
HSA 7 (NORTHWEST)	7,568	982.3	3,046	395.4	32	4.2	82	10.6	1,014	131.6	1,250	162.3	668	86.7
HSA 8 (NY-PENN)	1,097	1006.4	409	375.2	3	2.8	13	11.9	129	118.3	150	137.6	114	104.6
HSA 9 (KEYSTONE)	5,328	1070.5	2,307	463.5	36	7.2	53	10.6	800	160.7	948	190.5	470	94.4

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	27,468	230.8	442	3.7	7,388	62.1	7,112	59.8	3,091	26.0
HSA 1 (SOUTHEAST)	8,716	235.5	156	4.2	2,297	62.1	2,417	65.3	987	26.7
HSA 2 (EASTERN)	2,110	220.8	34	3.6	579	60.6	535	56.0	211	22.1
HSA 3 (NORTHEAST)	2,124	264.2	38	4.7	631	78.5	496	61.7	248	30.9
HSA 4 (S.CENTRAL)	2,845	195.0	39	2.7	795	54.5	663	45.4	346	23.7
HSA 5 (CENTRAL)	1,620	213.5	16	2.1	402	53.0	387	51.0	188	24.8
HSA 6 (SOUTHWEST)	7,027	246.9	108	3.8	1,829	64.3	1,870	65.7	782	27.5
HSA 7 (NORTHWEST)	1,687	219.0	27	3.5	469	60.9	413	53.6	200	26.0
HSA 8 (NY-PENN)	227	208.3	4	3.7	68	62.4	62	56.9	20	18.3
HSA 9 (KEYSTONE)	1,112	223.4	20	4.0	318	63.9	269	54.0	109	21.9

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	MALIGNANT NEOPLASMS							
	GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	3,917	32.9	3,061	25.7	989	8.3	1,468	12.3
HSA 1 (SOUTHEAST)	1,166	31.5	940	25.4	295	8.0	458	12.4
HSA 2 (EASTERN)	262	27.4	274	28.7	87	9.1	128	13.4
HSA 3 (NORTHEAST)	322	40.1	241	30.0	51	6.3	97	12.1
HSA 4 (S.CENTRAL)	414	28.4	296	20.3	124	8.5	168	11.5
HSA 5 (CENTRAL)	259	34.1	215	28.3	65	8.6	88	11.6
HSA 6 (SOUTHWEST)	1,053	37.0	780	27.4	237	8.3	368	12.9
HSA 7 (NORTHWEST)	249	32.3	166	21.5	73	9.5	90	11.7
HSA 8 (NY-PENN)	29	26.6	26	23.9	7	6.4	11	10.1
HSA 9 (KEYSTONE)	163	32.8	123	24.7	50	10.0	60	12.1

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS: OTHER		ACCIDENTS: MOTOR VEHICLE		SUICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	8,334	70.0	3,685	31.0	2,885	24.2	2,521	21.2	2,336	19.6	1,842	15.5	1,408	11.8
HSA 1 (SOUTHEAST)	2,521	68.1	1,059	28.6	971	26.2	646	17.5	765	20.7	469	12.7	425	11.5
HSA 2 (EASTERN)	602	63.0	292	30.6	232	24.3	170	17.8	167	17.5	161	16.8	130	13.6
HSA 3 (NORTHEAST)	635	79.0	253	31.5	182	22.6	229	28.5	152	18.9	152	18.9	110	13.7
HSA 4 (S.CENTRAL)	944	64.7	427	29.3	324	22.2	309	21.2	229	15.7	222	15.2	148	10.1
HSA 5 (CENTRAL)	612	80.7	269	35.5	157	20.7	187	24.6	142	18.7	154	20.3	81	10.7
HSA 6 (SOUTHWEST)	1,979	69.5	898	31.6	667	23.4	652	22.9	574	20.2	444	15.6	361	12.7
HSA 7 (NORTHWEST)	621	80.6	261	33.9	224	29.1	145	18.8	153	19.9	138	17.9	88	11.4
HSA 8 (NY-PENN)	68	62.4	41	37.6	13	11.9	35	32.1	36	33.0	28	25.7	16	14.7
HSA 9 (KEYSTONE)	352	70.7	185	37.2	115	23.1	148	29.7	118	23.7	74	14.9	49	9.8

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	NEPHRITIS AND NEPHROSIS		SEPTICEMIA		ATHERO-SCLEROSIS		LIVER DISEASE AND CIRRHOSIS		AORTIC ANEURYSM		PERINATAL CONDITIONS		PNEUMOCONIOSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	1,406	11.8	1,327	11.2	1,316	11.1	1,296	10.9	926	7.8	859	7.2	636	5.3
HSA 1 (SOUTHEAST)	467	12.6	657	17.8	335	9.1	427	11.5	273	7.4	341	9.2	22	0.6
HSA 2 (EASTERN)	88	9.2	72	7.5	138	14.4	92	9.6	72	7.5	55	5.8	30	3.1
HSA 3 (NORTHEAST)	125	15.6	70	8.7	119	14.8	115	14.3	57	7.1	37	4.6	446	55.5
HSA 4 (S.CENTRAL)	147	10.1	117	8.0	175	12.0	83	5.7	116	8.0	85	5.8	7	0.5
HSA 5 (CENTRAL)	73	9.6	48	6.3	93	12.3	59	7.8	68	9.0	32	4.2	32	4.2
HSA 6 (SOUTHWEST)	337	11.8	268	9.4	266	9.3	378	13.3	222	7.8	222	7.8	36	1.3
HSA 7 (NORTHWEST)	87	11.3	53	6.9	79	10.3	80	10.4	57	7.4	54	7.0	7	0.9
HSA 8 (NY-PENN)	13	11.9	7	6.4	35	32.1	10	9.2	10	9.2	4	3.7	1	0.9
HSA 9 (KEYSTONE)	69	13.9	35	7.0	76	15.3	52	10.4	51	10.2	29	5.8	55	11.1

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	CONGENITAL ANOMALIES		HOMICIDE AND LEGAL INTERV		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	588	4.9	580	4.9	447	3.8	433	3.6	314	2.6	312	2.6	277	2.3
HSA 1 (SOUTHEAST)	198	5.4	349	9.4	131	3.5	142	3.8	91	2.5	99	2.7	99	2.7
HSA 2 (EASTER'	37	3.9	24	2.5	42	4.4	40	4.2	30	3.1	21	2.2	17	1.8
HSA 3 (NORTHEAST)	36	4.5	21	2.6	26	3.2	32	4.0	25	3.1	29	3.6	16	2.0
HSA 4 (S.CENTRAL)	72	4.9	43	2.9	67	4.6	39	2.7	28	1.9	39	2.7	39	2.7
HSA 5 (CENTRAL)	37	4.9	8	1.1	35	4.6	22	2.9	11	1.4	16	2.1	8	1.1
HSA 6 (SOUTHWEST)	134	4.7	105	3.7	104	3.7	100	3.5	85	3.0	62	2.2	70	2.5
HSA 7 (NORTHWEST)	45	5.8	20	2.6	16	2.1	33	4.3	30	3.9	28	3.6	9	1.2
HSA 8 (NY-PENN)	5	4.6	1	0.9	8	7.3	2	1.8	4	3.7	6	5.5	4	3.7
HSA 9 (KEYSTONE)	24	4.8	9	1.8	18	3.6	23	4.6	10	2.0	12	2.4	15	3.0

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		ALCOHOLISM		EPILEPSY	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	220	1.8	163	1.4	148	1.2	124	1.0	117	1.0	105	0.9	92	0.8
HSA 1 (SOUTHEAST)	76	2.1	61	1.6	30	0.8	37	1.0	30	0.8	54	1.5	20	0.5
HSA 2 (EASTERN)	17	1.8	15	1.6	14	1.5	4	0.4	10	1.0	2	0.2	6	0.6
HSA 3 (NORTHEAST)	16	2.0	9	1.1	18	2.2	5	0.6	12	1.5	4	0.5	4	0.5
HSA 4 (S.CENTRAL)	19	1.3	10	0.7	9	0.6	15	1.0	17	1.2	7	0.5	13	0.9
HSA 5 (CENTRAL)	17	2.2	7	0.9	8	1.1	14	1.8	9	1.2	4	0.5	5	0.7
HSA 6 (SOUTHWEST)	52	1.8	39	1.4	40	1.4	31	1.1	24	0.8	23	0.8	29	1.0
HSA 7 (NORTHWEST)	13	1.7	15	1.9	14	1.8	11	1.4	9	1.2	4	0.5	9	1.2
HSA 8 (NY-PENN)	2	1.8	1	0.9	3	2.8	0	-	0	-	1	0.9	1	0.9
HSA 9 (KEYSTONE)	8	1.6	6	1.2	12	2.4	7	1.4	6	1.2	6	1.2	5	1.0

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

(CONTINUED)

TABLE C-17 (CONTINUED)
SELECTED CAUSES OF DEATH BY HEALTH SERVICE AREA
NUMBER AND RATE: PENNSYLVANIA, 1984

HEALTH SERVICE AREA	TUBERCULOSIS		MULTIPLE SCLEROSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AREAS	86	0.7	76	0.6	65	0.5	52	0.4	10,269	86.3
HSA 1 (SOUTHEAST)	33	0.9	24	0.6	16	0.4	20	0.5	4,742	128.1
HSA 2 (EASTERN)	5	0.5	7	0.7	3	0.3	4	0.4	596	62.4
HSA 3 (NORTHEAST)	15	1.9	5	0.6	5	0.6	7	0.9	563	70.0
HSA 4 (S.CENTRAL)	8	0.5	7	0.5	6	0.4	6	0.4	856	58.7
HSA 5 (CENTRAL)	4	0.5	7	0.9	7	0.9	1	0.1	467	61.5
HSA 6 (SOUTHWEST)	15	0.5	17	0.6	17	0.6	10	0.4	2,097	73.7
HSA 7 (NORTHWEST)	1	0.1	5	0.6	4	0.5	4	0.5	518	67.2
HSA 8 (NY-PENN)	0	-	0	-	2	1.8	0	-	104	95.4
HSA 9 (KEYSTONE)	5	1.0	4	0.8	5	1.0	0	-	326	65.5

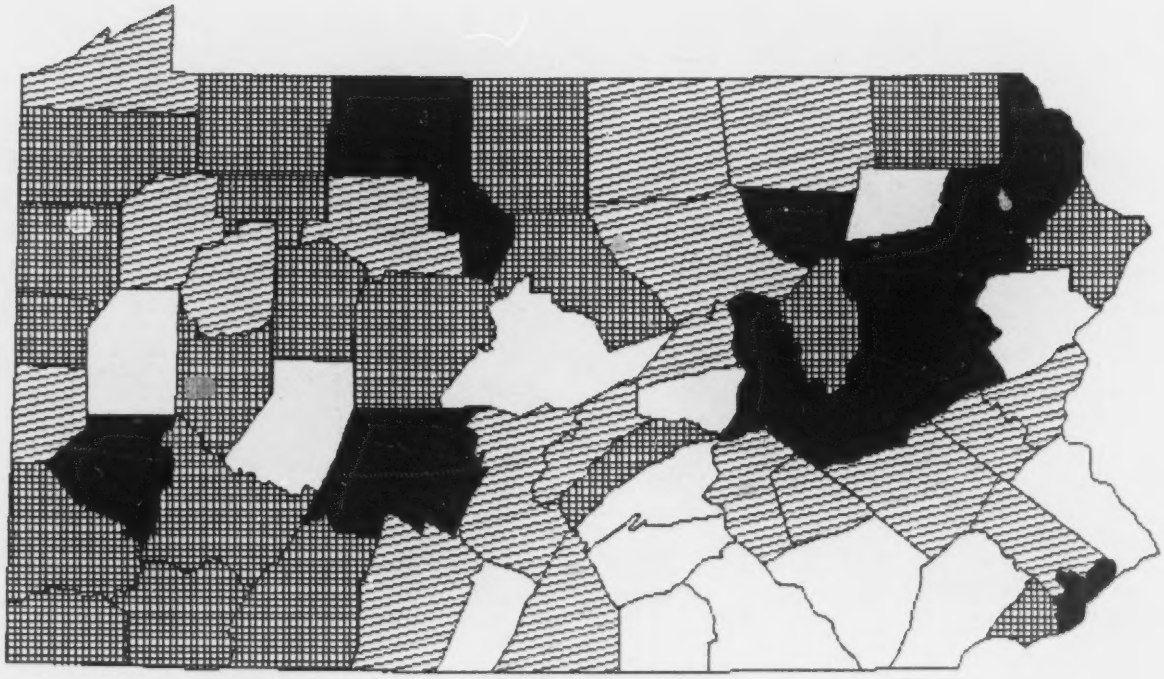
* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH AREA.

TABLE C-18
RESIDENT LIVE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS
BY COUNTY, NUMBER AND RATE: PENNSYLVANIA, 1984

	LIVE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*
ALL COUNTIES	156,799	13.2	121,358	10.2	1,634	10.4	1,129	7.2	1,809	11.4
ADAMS	994	14.4	611	8.9	4	4.0	2	2.0	12	11.9
ALLEGHENY	17,555	12.5	15,597	11.1	191	10.9	149	8.5	214	12.0
ARMSTRONG	1,019	12.4	827	10.1	4	3.9	3	2.9	12	11.6
BEAVER	2,356	11.8	1,977	9.9	35	14.9	23	9.8	25	10.5
BEDFORD	523	10.9	446	9.3	5	9.6	5	9.6	9	16.9
BERKS	4,103	12.9	3,119	9.8	39	9.5	32	7.8	42	10.1
BLAIR	1,741	13.0	1,566	11.7	14	8.0	11	6.3	11	6.3
BRADFORD	888	13.9	636	9.9	6	6.8	2	2.3	7	7.8
BUCKS	7,081	13.9	3,596	7.1	43	6.1	29	4.1	64	9.0
BUTLER	1,989	13.1	1,334	8.8	17	8.5	12	6.0	15	7.5
CAMBRIA	2,064	11.7	1,983	11.2	13	6.3	9	4.4	24	11.5
CAMERON	103	15.6	97	14.7	0	-	0	-	0	-
CARBON	569	10.5	623	11.5	4	7.0	4	7.0	5	8.7
CENTRE	1,290	11.3	691	6.0	11	8.5	7	5.4	16	12.3
CHESTER	4,809	14.4	2,508	7.5	56	11.6	44	9.1	48	9.9
CLARION	554	12.9	407	9.4	4	7.2	1	1.8	4	7.2
CLEARFIELD	1,060	12.5	878	10.4	14	13.2	8	7.5	16	14.9
CLINTON	502	12.8	392	10.0	8	15.9	6	12.0	5	9.9
COLUMBIA	763	12.3	635	10.3	10	13.1	4	5.2	8	10.4
CRAWFORD	1,235	13.9	926	10.4	15	12.1	9	7.3	10	8.0
CUMBERLAND	2,144	11.6	1,571	8.5	23	10.7	16	7.5	24	11.1
DAUPHIN	3,212	13.6	2,255	9.6	31	9.7	22	6.8	36	11.1
DELAWARE	7,892	14.3	5,685	10.3	82	10.4	62	7.9	74	9.3
ELK	516	13.7	372	9.9	7	13.6	5	9.7	4	7.7
ERIE	4,158	14.7	2,591	9.2	49	11.8	34	8.2	41	9.8
FAYETTE	1,969	12.4	1,742	10.9	22	11.2	12	6.1	35	17.5
FOREST	68	13.6	52	10.4	0	-	0	-	0	-
FRANKLIN	1,495	12.9	1,056	9.1	14	9.4	10	6.7	16	10.6
FULTON	186	13.8	98	7.3	1	5.4	1	5.4	3	15.9
GREENE	521	12.6	435	10.6	5	9.6	4	7.7	7	13.3
HUNTINGDON	543	12.7	399	9.3	1	1.8	1	1.8	7	12.7
INDIANA	1,176	12.6	771	8.3	8	6.8	6	5.1	14	11.8
JEFFERSON	667	13.6	512	10.5	4	6.0	3	4.5	8	11.9
JUNIATA	271	13.7	214	10.8	3	11.1	1	3.7	4	14.5
LACKAWANNA	2,711	12.1	2,806	12.5	25	9.2	21	7.7	21	7.7
LANCASTER	5,889	15.4	3,256	8.5	46	7.8	30	5.1	53	8.9
LAWRENCE	1,274	12.0	1,088	10.3	14	11.0	10	7.8	9	7.0
LEBANON	1,443	13.0	1,069	9.6	15	10.4	8	5.5	26	17.7
LEHIGH	3,475	12.6	2,705	9.8	29	8.3	19	5.5	32	9.1
LUZERNE	3,713	11.0	4,355	12.9	34	9.2	21	5.7	56	14.9
LYCOMING	1,639	14.0	1,151	9.8	12	7.3	5	3.1	16	9.7
MCKEAN	644	13.1	539	11.0	6	9.3	4	6.2	5	7.7
MERCER	1,420	11.2	1,276	10.0	11	7.7	8	5.6	13	9.1
MIFFLIN	612	13.1	434	9.3	3	4.9	1	1.6	12	19.2
MONROE	860	11.1	679	8.8	8	9.3	6	7.0	8	9.2
MONTGOMERY	8,634	13.1	6,053	9.2	74	8.6	44	5.1	92	10.5
MONTOUR	241	14.2	238	14.0	1	4.1	1	4.1	1	4.1
NORTHAMPTON	2,662	11.5	2,129	9.2	15	5.6	10	3.8	23	8.6
NORTHUMBERLAND	1,214	12.1	1,277	12.7	6	4.9	2	1.6	11	9.0
PERRY	506	13.5	300	8.0	4	7.9	3	5.9	6	11.7
PHILADELPHIA	24,979	15.2	19,949	12.1	388	15.5	257	10.3	400	15.8
PIKE	226	11.0	215	10.4	2	8.8	2	8.8	2	8.8
POTTER	296	16.1	192	10.4	4	13.5	2	6.8	1	3.4
SCHUYLKILL	1,756	11.1	2,173	13.8	16	9.1	9	5.1	22	12.4
SNYDER	492	13.9	285	8.1	2	4.1	1	2.0	4	8.1
SOMERSET	1,009	12.3	836	10.2	21	20.8	15	14.9	14	13.7
SULLIVAN	52	8.4	72	11.6	0	-	0	-	0	-
SUSQUEHANNA	574	14.8	389	10.0	5	8.7	4	7.0	5	8.6
TIOGA	510	12.7	381	9.5	1	2.0	1	2.0	8	15.4
UNION	481	14.3	305	9.1	4	8.3	3	6.2	4	8.2
VENANGO	820	12.7	640	9.9	11	13.4	9	11.0	13	15.6
WARREN	641	13.4	476	10.0	3	4.7	1	1.6	8	12.3
WASHINGTON	2,512	11.6	2,260	10.4	38	15.1	27	10.7	16	6.3
WAYNE	469	12.4	415	11.0	7	14.9	2	4.3	3	6.4
WESTMORELAND	4,397	11.4	3,867	10.0	44	10.0	36	8.2	53	11.9
WYOMING	370	13.6	238	8.7	3	8.1	3	8.1	1	2.7
YORK	4,262	13.2	2,708	8.4	39	9.2	27	6.3	51	11.8

* BIRTH AND TOTAL DEATH RATES PER 1,000 ESTIMATED 1984 POPULATION.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS.
FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

FIGURE C-20
RESIDENT DEATH RATES* BY COUNTY
PENNSYLVANIA, 1984



RATE < 9.0 10.0-10.9 9.0-9.9 ≥ 11.0

*RATE PER 1,000 POPULATION

FIGURE C-21
RESIDENT DEATH RATES* BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1980-1984

RATE < 9.0 | 9.0-9.9 | 10.0-10.9 | > 11.0

*RATE PER 1,000 POPULATION, 1980-1984.

FIGURE C-22
RESIDENT INFANT DEATH RATES* BY COUNTY
PENNSYLVANIA, 1984

RATE ≤ 7.0 | 9.0-10.9 | 7.0-8.9 | ≥ 11.0

*RATE PER 1,000 LIVE BIRTHS.

FIGURE C-23
RESIDENT INFANT DEATH RATES* BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1980-1984

RATE < 9.0 | 9.0-10.4 | 10.5-11.9 | > 12.0

*RATE PER 1,000 LIVE BIRTHS, 1980-1984.

FIGURE C-24
RESIDENT NEONATAL DEATH RATES* BY COUNTY
PENNSYLVANIA, 1984

*RATE PER 1,000 LIVE BIRTHS

FIGURE C-25
NEONATAL DEATH RATES* BY COUNTY
PENNSYLVANIA, FIVE YEAR SUMMARY, 1980-1984

RATE ≤ 6.0 | 6.1-7.0 | 7.1-8.0 | > 8.0

*RATE PER 1,000 LIVE BIRTHS, 1980-1984.

TABLE C-19
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1984

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALL COUNTIES	121,358	1,908	154	229	612	942	1,922	2,748	6,166	17,244	30,840	34,544	23,749
ADAMS	611	5	1	2	6	7	15	8	33	83	124	178	149
ALLEGHENY	15,597	212	8	23	58	117	233	320	830	2,404	4,130	4,422	2,840
ARMSTRONG	827	4	1	1	1	1	12	23	36	111	197	258	182
BEAVER	1,977	37	2	6	5	11	28	40	103	306	560	521	358
BEDFORD	446	6	0	0	2	6	7	9	23	74	108	124	87
BERKS	3,119	47	2	2	15	31	49	49	152	401	761	969	641
BLAIR	1,566	19	2	4	7	10	19	30	62	208	407	467	331
BRADFORD	636	10	0	2	8	3	10	12	37	81	152	180	141
BUCKS	3,596	52	11	10	30	52	72	97	220	562	876	879	735
BUTLER	1,334	22	0	4	6	13	23	36	69	189	338	325	309
CAMBRIA	1,983	15	1	5	12	11	24	34	97	276	575	543	390
CAMERON	97	0	0	0	1	1	2	3	6	14	27	25	18
CARBON	623	5	0	0	3	4	8	9	28	94	165	184	123
CENTRE	691	11	0	3	6	7	10	12	30	102	192	185	133
CHESTER	2,508	60	4	5	22	30	47	59	132	341	586	681	541
CLARION	407	5	0	0	3	5	5	12	22	43	82	135	95
CLEARFIELD	878	15	3	5	3	7	18	17	40	112	199	291	168
CLINTON	392	8	1	0	1	1	3	6	13	61	99	121	78
COLUMBIA	635	11	2	1	1	1	8	16	26	70	161	193	145
CRAWFORD	926	21	5	3	2	4	14	19	41	116	230	253	218
CUMBERLAND	1,571	27	0	4	11	11	30	34	80	212	350	454	358
DAUPHIN	2,255	41	1	2	12	19	40	36	112	351	570	612	459
DELAWARE	5,685	94	7	7	14	43	69	113	282	870	1,326	1,649	1,211
ELK	372	8	0	1	2	5	3	6	12	57	109	104	65
ERIE	2,591	52	5	10	11	23	48	50	114	370	683	695	530
FAYETTE	1,742	27	5	5	14	16	18	42	85	284	498	466	282
FOREST	52	0	0	0	0	1	1	2	1	8	17	15	7
FRANKLIN	1,056	17	3	4	9	5	12	24	55	155	241	307	224
FULTON	98	1	0	0	3	1	0	3	2	13	29	32	14
GREENE	435	9	2	0	2	7	8	10	18	66	119	120	74
HUNTINGDON	399	4	0	2	0	0	6	7	19	58	100	121	82
INDIANA	771	10	0	1	6	7	17	21	36	102	200	216	155
JEFFERSON	512	4	0	1	4	2	6	13	27	72	126	155	102
JUNIATA	214	4	1	0	1	2	0	6	5	20	57	60	58
LACKAWANNA	2,806	30	4	4	16	15	25	38	113	397	747	905	510

(CONTINUED)

TABLE C-19
RESIDENT DEATHS BY AGE GROUP AND COUNTY
PENNSYLVANIA, 1984

COUNTY	TOTAL DEATHS	AGE AT DEATH (IN YEARS) UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
LANCASTER	3,256	38	11	7	12	21	50	68	137	402	687	950	853
LAWRENCE	1,018	15	0	1	1	7	13	20	49	142	294	321	225
LEBANON	1,089	21	4	6	5	9	10	20	53	136	258	302	245
LEHIGH	2,705	33	5	3	13	21	39	49	125	370	680	822	545
LUZERNE	4,355	40	1	9	22	19	43	64	199	615	1,331	1,284	728
LYCOMING	1,151	14	4	3	4	12	11	16	46	159	291	345	246
MCKEAN	539	7	2	2	3	5	2	7	30	62	136	177	106
MERCER	1,276	13	0	1	5	8	18	23	61	187	328	385	247
MIFFLIN	434	4	2	1	2	3	1	7	21	60	106	135	92
MONROE	679	11	0	2	5	3	14	33	39	80	176	198	118
MONTGOMERY	6,053	89	8	10	30	45	83	137	274	742	1,398	1,774	1,463
MONTOUR	238	1	0	3	0	0	0	4	7	15	58	89	61
NORTHAMPTON	2,129	18	0	2	6	18	23	50	103	315	594	569	431
NORTHUMBERLAND	1,277	10	1	2	10	5	17	32	58	165	353	393	231
PERRY	300	5	2	1	2	2	3	9	13	45	76	87	55
PHILADELPHIA	19,949	444	25	31	94	162	483	646	1,266	3,143	4,948	5,418	3,289
PIKE	215	3	1	1	2	1	5	7	11	34	59	51	40
POTTER	192	5	0	0	0	0	1	8	8	21	41	54	54
SCHUYLKILL	2,173	19	1	3	12	17	28	35	91	308	653	683	323
SNYDER	285	2	1	0	2	6	4	9	16	44	63	80	58
SOMERSET	836	21	2	2	7	9	10	15	37	111	211	240	171
SULLIVAN	72	1	0	0	1	0	2	2	4	6	20	18	18
SUSQUEHANNA	389	6	1	1	2	5	6	8	10	46	99	117	88
TIOGA	381	2	1	0	5	6	6	6	17	49	77	126	86
UNION	305	6	0	1	2	1	9	9	13	40	54	84	86
VENANGO	640	11	0	1	9	6	10	14	35	95	161	173	125
WARREN	476	7	0	2	2	6	9	6	31	67	106	139	101
WASHINGTON	2,260	43	3	3	7	14	27	52	125	351	604	620	411
WAYNE	415	7	2	1	2	2	7	10	13	43	111	124	93
WESTMORELAND	3,867	47	5	6	26	26	54	103	177	592	1,049	1,051	731
WYOMING	238	3	0	2	1	3	1	6	11	41	59	68	43
YORK	2,708	49	1	5	21	21	43	57	123	375	618	822	573

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

TABLE C-20
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	121,358	1019.8	48,645	408.8	530	4.5	1,132	9.5	14,718	123.7	17,930	150.7	14,335	120.5
ADAMS	611	885.5	278	402.9	2	2.9	11	15.9	44	63.8	95	137.7	126	182.6
ALLEGHENY	15,597	1106.3	6,438	456.7	68	4.8	133	9.4	2,331	165.3	2,334	165.6	1,572	111.5
ARMSTRONG	827	1006.1	358	435.5	3	3.6	7	8.5	154	187.3	130	158.1	64	77.9
BEAVER	1,977	992.5	810	406.6	15	7.5	14	7.0	263	132.0	329	165.2	189	94.9
BEDFORD	446	927.3	176	365.9	4	8.3	4	8.3	66	137.2	78	162.2	24	49.9
BERKS	3,119	983.3	1,287	405.7	16	5.0	45	14.2	320	100.9	418	131.8	488	153.8
BLAIR	1,566	1165.2	698	519.3	9	6.7	13	9.7	236	175.6	315	234.4	125	93.0
BRADFORD	636	993.7	204	318.7	3	4.7	5	7.8	71	110.9	80	125.0	45	70.3
BUCKS	3,596	707.0	1,276	250.9	13	2.6	27	5.3	343	67.4	439	86.3	454	89.3
BUTLER	1,334	881.7	556	367.5	9	5.9	7	4.6	239	158.0	174	115.0	127	83.9
CAMBRIA	1,983	1119.7	831	469.2	12	6.8	15	8.5	307	173.3	325	183.5	172	97.1
CAMERON	97	1470.6	37	560.9	0	-	0	-	5	75.8	19	288.1	13	197.1
CARBON	623	1153.7	278	514.8	1	1.9	5	9.3	78	144.4	107	198.1	87	161.1
CENTRE	691	603.5	273	238.4	6	5.2	2	1.7	71	62.0	107	93.4	87	76.0
CHESTER	2,508	749.3	966	288.6	14	4.2	27	8.1	284	84.9	294	87.8	347	103.7
CLARION	407	944.4	184	427.0	4	9.3	3	7.0	55	127.6	89	206.5	33	76.6
CLEARFIELD	878	1039.1	350	414.2	5	5.9	8	9.5	114	134.9	129	152.7	94	111.2
CLINTON	392	1002.5	184	470.6	0	-	9	23.0	75	191.8	50	127.9	50	127.9
COLUMBIA	635	1027.5	265	428.8	1	1.6	5	8.1	69	111.7	104	168.3	86	139.2
CRAWFORD	926	1039.3	360	404.0	6	6.7	16	18.0	126	141.4	130	145.9	82	92.0
CUMBERLAND	1,571	846.9	617	332.6	10	5.4	11	5.9	195	105.1	230	124.0	171	92.2
DAUPHIN	2,255	956.3	929	394.0	8	3.4	16	6.8	307	130.2	250	106.0	348	147.6
DELAWARE	5,685	1031.0	2,187	396.6	37	6.7	78	14.1	553	100.3	787	142.7	732	132.8
ELK	372	989.3	149	396.3	1	2.7	9	23.9	61	162.2	48	127.7	30	79.8
ERIE	2,591	918.5	964	341.7	7	2.5	22	7.8	345	122.3	411	145.7	179	63.5
FAYETTE	1,742	1094.2	797	500.6	4	2.5	7	4.4	265	166.5	273	171.5	248	155.8
FOREST	52	1037.9	24	479.0	1	20.0	0	-	2	39.9	13	259.5	8	159.7
FRANKLIN	1,056	908.8	431	370.9	4	3.4	13	11.2	118	101.5	159	136.8	137	117.9
FULTON	98	725.8	51	377.7	0	-	2	14.8	10	74.1	27	200.0	12	88.9
GREENE	435	1055.9	204	495.2	1	2.4	1	2.4	56	135.9	93	225.7	53	128.6
HUNTINGDON	399	934.4	178	416.9	3	7.0	1	2.3	49	114.8	64	149.9	61	142.9
INDIANA	771	826.4	291	311.9	2	2.1	6	6.4	103	110.4	112	120.0	68	72.9
JEFFERSON	512	1047.2	205	419.3	1	2.0	7	14.3	55	112.5	92	188.2	50	102.3
JUNIATA	214	1080.8	84	424.2	1	5.1	0	-	28	141.4	23	116.2	32	161.6
LACKAWANNA	2,806	1252.7	1,326	592.0	18	8.0	51	22.8	404	180.4	408	182.1	445	198.7

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	3,256	853.9	1,373	360.1	15	3.9	40	10.5	430	112.8	393	103.1	495	129.8
LAWRENCE	1,088	1028.4	482	455.6	5	4.7	13	12.3	186	175.8	204	192.8	74	69.9
LEBANON	1,069	960.4	506	454.6	5	4.5	9	8.1	187	168.0	135	121.3	170	152.7
LEHIGH	2,705	978.3	1,162	420.3	15	5.4	25	9.0	343	124.1	411	148.6	368	133.1
LUZERNE	4,355	1294.6	1,949	579.4	24	7.1	44	13.1	503	149.5	727	216.1	651	193.5
LYCOMING	1,151	982.9	477	407.3	6	5.1	18	15.4	106	90.5	178	152.0	169	144.3
MCKEAN	539	1095.5	265	538.6	2	4.1	5	10.2	80	162.6	71	144.3	107	217.5
MERCER	1,276	1003.9	547	430.4	5	3.9	16	12.6	194	152.6	240	188.8	92	72.4
MIFFLIN	434	931.3	202	433.5	3	6.4	2	4.3	71	152.4	82	176.0	44	94.4
MONROE	679	879.5	271	351.0	2	2.6	1	1.3	49	63.5	77	99.7	142	183.9
MONTGOMERY	6,053	918.5	2,385	361.9	23	3.5	46	7.0	675	102.4	920	139.6	721	109.4
MONTOUR	238	1400.0	101	594.1	1	5.9	2	11.8	20	117.6	54	317.6	24	141.2
NORTHAMPTON	2,129	922.4	952	412.5	7	3.0	19	8.2	297	128.7	269	116.6	360	156.0
NORTHUMBERLAND	1,277	1274.4	537	535.9	2	2.0	13	13.0	143	142.7	242	241.5	137	136.7
PERRY	300	797.9	127	337.8	5	13.3	2	5.3	45	119.7	41	109.0	34	90.4
PHILADELPHIA	19,949	1211.5	6,631	402.7	66	4.0	180	10.9	1,455	88.4	2,616	158.9	2,314	140.5
PIKE	215	1043.8	86	417.5	0	-	3	14.6	25	121.4	43	208.8	15	72.8
POTTER	192	1043.5	79	429.4	1	5.4	0	-	19	103.3	28	152.2	31	168.5
SCHUYLKILL	2,173	1377.9	913	578.9	9	5.7	13	8.2	392	248.6	299	189.6	200	126.8
SNYDER	285	805.1	126	356.0	0	-	1	2.8	42	118.7	53	149.7	30	84.8
SOMERSET	836	1020.7	373	455.4	8	9.8	18	22.0	132	161.2	139	169.7	76	92.8
SULLIVAN	72	1160.9	30	483.7	0	-	0	-	10	161.2	7	112.9	13	209.6
SUSQUEHANNA	389	1002.7	175	451.1	0	-	8	20.6	48	123.7	63	162.4	56	144.3
TIOGA	381	945.4	162	402.0	1	2.5	0	-	23	57.1	89	220.8	49	121.6
UNION	305	907.7	112	336.3	0	-	0	-	25	74.4	61	181.5	27	80.4
VENANGO	640	992.2	258	400.0	3	4.7	8	12.4	82	127.1	114	176.7	51	79.1
WARREN	476	997.9	179	375.3	2	4.2	3	6.3	45	94.3	87	182.4	42	88.1
WASHINGTON	2,260	1040.5	926	426.3	8	3.7	7	3.2	349	160.7	369	169.9	193	88.9
WAYNE	415	1097.9	178	470.9	0	-	6	15.9	33	87.3	80	211.6	59	156.1
WESTMORELAND	3,867	1000.3	1,651	427.1	15	3.9	19	4.9	668	172.8	561	145.1	388	100.4
WYOMING	238	872.0	96	351.7	1	3.7	3	11.0	13	47.6	42	153.9	37	135.6
YORK	2,708	839.9	1,087	337.2	7	2.2	28	8.7	226	70.1	499	154.8	327	101.4

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	27,468	230.8	442	3.7	7,388	62.1	7,112	59.8	3,091	26.0
ADAMS	124	179.7	3	4.3	37	53.6	26	37.7	11	15.9
ALLEGHENY	3,774	267.7	63	4.5	999	70.9	1,007	71.4	420	29.8
ARMSTRONG	173	210.5	4	4.9	38	46.2	43	52.3	14	17.0
BEAVER	467	234.4	7	3.5	123	61.7	137	68.8	51	25.6
BEDFORD	100	207.9	4	8.3	29	60.3	22	45.7	7	14.6
BERKS	720	227.0	12	3.8	200	63.1	192	60.5	65	20.5
BLAIR	313	232.9	6	4.5	89	66.2	85	63.2	29	21.6
BRADFORD	139	217.2	2	3.1	43	67.2	43	67.2	8	12.5
BUCKS	806	158.5	13	2.6	193	37.9	226	44.4	88	17.3
BUTLER	304	200.9	6	4.0	67	44.3	90	59.5	31	20.5
CAMBRIA	428	241.7	7	4.0	115	64.9	102	57.6	53	29.9
CAMERON	25	379.0	0	-	10	151.6	4	60.6	4	60.6
CARBON	131	242.6	1	1.9	38	70.4	25	46.3	14	25.9
CENTRE	168	146.7	4	3.5	30	26.2	43	37.6	17	14.8
CHESTER	603	180.2	8	2.4	155	46.3	155	46.3	69	20.6
CLARION	78	181.0	0	-	18	41.8	18	41.8	12	27.8
CLEARFIELD	185	218.9	2	2.4	59	69.8	43	50.9	22	26.0
CLINTON	76	194.4	1	2.6	18	46.0	19	48.6	6	15.3
COLUMBIA	140	226.5	0	-	27	43.7	27	43.7	19	30.7
CRAWFORD	194	217.7	4	4.5	52	58.4	42	47.1	22	24.7
CUMBERLAND	359	193.5	5	2.7	88	47.4	98	52.8	52	28.0
DAUPHIN	482	204.4	6	2.5	141	59.8	106	45.0	72	30.5
DELAWARE	1,364	247.4	23	4.2	356	64.6	422	76.5	157	28.5
ELK	88	234.0	1	2.7	36	95.7	19	50.5	12	31.9
ERIE	596	211.3	7	2.5	162	57.4	161	57.1	76	26.9
FAYETTE	360	226.1	3	1.9	100	62.8	92	57.8	38	23.9
FOREST	9	179.6	0	-	0	-	2	39.9	0	-
FRANKLIN	218	187.6	2	1.7	68	58.5	42	36.1	25	21.5
FULTON	15	111.1	0	-	3	22.2	2	14.8	3	22.2
GREENE	85	206.3	0	-	20	48.5	31	75.2	5	12.1
HUNTINGDON	93	217.8	1	2.3	24	56.2	24	56.2	8	18.7
INDIANA	182	195.1	3	3.2	56	60.0	31	33.2	23	24.7
JEFFERSON	112	229.1	0	-	33	67.5	23	47.0	13	26.6
JUNIATA	39	197.0	0	-	11	55.6	8	40.4	6	30.3
LACKAWANNA	606	270.5	10	4.5	192	85.7	124	55.4	83	37.1

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	719	188.6	6	1.6	203	53.2	162	42.5	85	22.3
LAWRENCE	239	225.9	3	2.8	48	45.4	68	64.3	22	20.8
LEBANON	213	191.4	0	-	61	54.8	57	51.2	18	16.2
LEHIGH	615	222.4	9	3.3	172	62.2	142	51.4	66	23.9
LUZERNE	900	267.5	18	5.4	264	78.5	232	69.0	100	29.7
LYCOMING	266	217.2	4	3.4	69	58.9	73	62.3	26	22.2
MCKEAN	105	213.4	4	8.1	33	67.1	22	44.7	7	14.2
MERCER	299	235.2	2	1.6	80	62.9	71	55.9	35	27.5
MIFFLIN	97	208.1	0	-	19	40.8	28	60.1	9	19.3
MONROE	166	215.0	6	7.8	30	38 9	56	72.5	16	20.7
MONTGOMERY	1,475	223.8	25	3.8	383	58.1	370	56.1	191	29.0
MONTOUR	52	305.9	0	-	16	94.1	14	82.4	5	29.4
NORTHAMPTON	478	207.1	6	2.6	139	60.2	120	52.0	50	21.7
NORTHUMBERLAND	287	286.4	2	2.0	71	70.9	66	65.9	47	46.9
PERRY	63	167.6	0	-	16	42.6	17	45.2	6	16.0
PHILADELPHIA	4,468	271.3	87	5.3	1,210	73.5	1,244	75.5	482	29.3
PIKE	49	237.9	1	4.9	16	77.7	15	72.8	4	19.4
POTTER	47	255.4	3	16.3	11	59.8	12	65.2	5	27.2
SCHUYLKILL	432	273.9	9	5.7	124	78.6	97	61.5	45	28.5
SNYDER	51	144.1	0	-	10	28.3	11	31.1	6	17.0
SOMERSET	163	199.0	2	2.4	58	70.8	34	41.5	9	11.0
SULLIVAN	16	258.0	0	-	6	96.7	5	80.6	2	32.2
SUSQUEHANNA	72	185.6	2	5.2	19	49.0	14	36.1	10	25.8
TIOGA	91	225.8	2	5.0	26	64.5	20	49.6	8	19.9
UNION	56	166.7	1	3.0	13	38.7	12	35.7	4	11.9
VENANGO	128	198.4	5	7.8	31	48.1	32	49.6	11	17.1
WARREN	118	247.4	1	2.1	36	75.5	30	62.9	16	33.5
WASHINGTON	559	257.4	6	2.8	148	68.1	151	69.5	62	28.5
WAYNE	93	246.0	0	-	28	74.1	15	39.7	9	23.8
WESTMORELAND	884	228.7	13	3.4	230	59.5	220	56.9	116	30.0
WYOMING	44	161.2	0	-	7	25.6	13	47.6	7	25.6
YORK	667	206.9	17	5.3	181	56 1	155	48.1	77	23.9

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

	MALIGNANT NEOPLASMS							
	GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	3,917	32.9	3,061	25.7	989	8.3	1,468	12.3
ADAMS	21	30.4	11	15.9	9	13.0	6	8.7
ALLEGHENY	529	37.5	436	30.9	119	8.4	201	14.3
ARMSTRONG	39	47.4	16	19.5	9	10.9	10	12.2
BEAVER	74	37.1	41	20.6	13	6.5	21	10.5
BEDFORD	16	33.3	14	29.1	2	4.2	6	12.5
BERKS	96	30.3	80	25.2	36	11.3	39	12.3
BLAIR	41	30.5	36	26.8	10	7.4	17	12.6
BRADFORD	16	25.0	15	23.4	7	10.9	5	7.8
BUCKS	118	23.2	85	16.7	42	8.3	41	8.1
BUTLER	44	29.1	35	23.1	10	6.6	21	13.9
CAMBRIA	62	35.0	47	[illegible]	21	11.9	21	11.9
CAMERON	5	75.8	1	[illegible]	1	15.2	0	-
CARBON	19	35.2	24	44.4	5	9.3	5	9.3
CENTRE	31	27.1	26	22.7	8	7.0	9	7.9
CHESTER	75	22.4	82	24.5	29	8.7	30	9.0
CLARION	9	20.9	11	25.5	4	9.3	6	13.9
CLEARFIELD	24	28.4	20	23.7	9	10.7	6	7.1
CLINTON	16	40.9	10	25.6	3	7.7	3	7.7
COLUMBIA	33	53.4	23	37.2	3	4.9	8	12.9
CRAWFORD	23	25.8	34	38.2	8	9.0	9	10.1
CUMBERLAND	55	29.7	30	16.2	9	4.9	22	11.9
DAUPHIN	54	22.9	46	19.5	21	8.9	36	15.3
DELAWARE	162	29.4	135	24.5	42	7.6	67	12.2
ELK	9	23.9	8	21.3	2	5.3	1	2.7
ERIE	83	29.4	50	17.7	22	7.8	35	12.4
FAYETTE	58	36.4	41	25.8	10	6.3	18	11.3
FOREST	1	20.0	2	39.9	2	39.9	2	39.9
FRANKLIN	40	34.4	18	15.5	7	6.0	16	13.8
FULTON	3	22.2	0	-	1	7.4	3	22.2
GREENE	13	31.6	13	31.6	1	2.4	2	4.9
HUNTINGDON	18	42.2	9	21.1	5	11.7	4	9.4
INDIANA	37	39.7	16	17.1	6	6.4	10	10.7
JEFFERSON	11	22.5	16	32.7	6	12.3	10	20.5
JUNIATA	7	35.4	4	20.2	2	10.1	1	5.1
LACKAWANNA	92	41.1	66	29.5	15	6.7	24	10.7

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

	MALIGNANT NEOPLASMS							
	GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	106	27.8	96	25.2	27	7.1	34	8.9
LAWRENCE	43	40.6	28	26.5	15	14.2	12	11.3
LEBANON	35	31.4	24	21.6	8	7.2	10	9.0
LEHIGH	76	27.5	86	31.1	21	7.6	43	15.6
LUZERNE	133	39.5	94	27.9	23	6.8	36	10.7
LYCOMING	36	30.7	31	26.5	12	10.2	15	12.8
MCKEAN	24	48.8	8	16.3	2	4.1	5	10.2
MERCER	45	35.4	28	22.0	19	14.9	19	14.9
MIFFLIN	14	30.0	17	36.5	4	8.6	6	12.9
MONROE	19	24.6	24	31.1	7	9.1	8	10.4
MONTGOMERY	205	31.1	149	22.6	61	9.3	91	13.8
MONTOUR	8	47.1	3	17.6	5	29.4	1	5.9
NORTHAMPTON	52	22.5	60	26.0	18	7.8	33	14.3
NORTHUMBERLAND	48	47.9	37	36.9	7	7.0	9	9.0
PERRY	8	21.3	7	18.6	6	16.0	3	8.0
PHILADELPHIA	606	36.8	489	29.7	121	7.3	229	13.9
PIKE	7	34.0	5	24.3	0	-	1	4.9
POTTER	9	48.9	2	10.9	3	16.3	2	10.9
SCHUYLKILL	61	38.7	61	38.7	10	6.3	25	15.9
SNYDER	6	17.0	11	31.1	1	2.8	6	17.0
SOMERSET	23	28.1	17	20.8	11	13.4	9	11.0
SULLIVAN	2	32.2	1	16.1	0	-	0	-
SUSQUEHANNA	11	28.4	10	25.8	0	-	6	15.5
TIOGA	13	32.3	7	17.4	4	9.9	11	27.3
UNION	12	35.7	10	29.8	1	3.0	3	8.9
VENANGO	28	43.4	11	17.1	6	9.3	4	6.2
WARREN	13	27.3	11	23.1	4	8.4	7	14.7
WASHINGTON	77	35.5	69	31.8	23	10.6	23	10.6
WAYNE	23	60.8	11	29.1	0	-	7	18.5
WESTMORELAND	139	36.0	85	22.0	31	8.0	50	12.9
WYOMING	6	22.0	4	14.7	3	11.0	4	14.7
YORK	95	29.5	64	19.9	37	11.5	41	12.7

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

	CEREBROVASCU-LAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE		SUICIDE	
COUNTY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	8,334	70.0	3,685	31.0	2,885	24.2	2,521	21.2	2,336	19.6	1,842	15.5	1,408	11.8
ADAMS	38	55.1	22	31.9	18	26.1	17	24.6	13	18.8	21	30.4	5	7.2
ALLEGHENY	1,012	71.8	456	32.3	348	24.7	336	23.8	283	20.1	178	12.6	184	13.1
ARMSTRONG	74	90.0	32	38.9	17	20.7	26	31.6	10	12.2	10	12.2	10	12.2
BEAVER	153	76.8	59	29.6	50	25.1	39	19.6	40	20.1	25	12.6	20	10.0
BEDFORD	48	99.8	14	29.1	9	18.7	12	24.9	16	33.3	14	29.1	2	4.2
BERKS	218	68.7	98	30.9	84	26.5	54	17.0	65	20.5	64	20.2	44	13.9
BLAIR	100	74.4	68	50.6	36	26.8	36	26.8	30	22.3	18	13.4	10	7.4
BRADFORD	42	65.6	23	35.9	7	10.9	25	39.1	20	31.2	17	26.6	8	12.5
BUCKS	279	54.9	117	23.0	76	14.9	65	12.8	52	10.2	107	21.0	58	11.4
BUTLER	84	55.5	36	23.8	53	35.0	20	13.2	29	19.2	32	21.2	24	15.9
CAMBRIA	127	71.7	70	39.5	37	20.9	81	45.7	39	22.0	19	10.7	25	14.1
CAMERON	11	166.8	3	45.5	2	30.3	2	30.3	4	60.6	1	15.2	3	45.5
CARBON	37	68.5	19	35.2	6	11.1	13	24.1	13	24.1	14	25.9	10	18.5
CENTRE	52	45.4	20	17.5	10	8.7	32	27.9	9	7.9	16	14.0	9	7.9
CHESTER	153	45.7	77	23.0	59	17.6	47	14.0	46	13.7	76	22.7	24	7.2
CLARION	35	81.2	13	30.2	11	25.5	8	18.6	3	7.0	10	23.2	1	2.3
CLEARFIELD	71	84.0	39	46.2	15	17.8	18	21.3	22	26.0	21	24.9	13	15.4
CLINTON	33	84.4	19	48.6	3	7.7	10	25.6	5	12.8	5	12.8	2	5.1
COLUMBIA	56	90.6	19	30.7	17	27.5	24	38.8	14	22.7	8	12.9	7	11.3
CRAWFORD	73	81.9	26	29.2	36	40.4	15	16.8	29	32.5	21	23.6	16	18.0
CUMBERLAND	143	77.1	42	22.6	50	27.0	26	14.0	34	18.3	26	14.0	21	11.3
DAUPHIN	169	71.7	82	34.8	58	24.6	50	21.2	42	17.8	40	17.0	20	8.5
DELAWARE	413	74.9	212	38.4	157	28.5	94	17.0	90	16.3	52	9.4	66	12.0
ELK	36	95.7	16	42.6	7	18.6	6	16.0	7	18.6	4	10.6	6	16.0
ERIE	244	86.5	81	28.7	69	24.5	59	20.9	50	17.7	39	13.8	29	10.3
FAYETTE	118	74.1	36	22.6	33	20.7	32	20.1	43	27.0	23	14.4	28	17.6
FOREST	6	119.8	2	39.9	2	39.9	1	20.0	0	-	0	-	1	20.0
FRANKLIN	69	59.4	41	35.3	23	19.8	35	30.1	24	20.7	17	14.6	9	7.7
FULTON	4	29.6	3	22.2	2	14.8	1	7.4	1	7.4	1	7.4	1	7.4
GREENE	20	48.5	12	29.1	14	34.0	6	14.6	14	34.0	8	19.4	9	21.8
HUNTINGDON	24	56.2	10	23.4	9	21.1	9	21.1	9	21.1	3	7.0	4	9.4
INDIANA	44	47.2	24	25.7	13	13.9	19	20.4	22	23.6	25	26.8	7	7.5
JEFFERSON	39	79.8	16	32.7	18	36.8	6	12.3	11	22.5	12	24.5	5	10.2
JUNIATA	21	106.1	10	50.5	8	40.4	6	30.3	7	35.4	3	15.2	0	-
LACKAWANNA	156	69.6	70	31.3	49	21.9	61	27.2	35	15.6	36	16.1	24	10.7

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	CEREBROVASCULAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE		SUICIDE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	244	64.0	104	27.3	97	25.4	81	21.2	53	13.9	46	12.1	34	8.9
LAWRENCE	96	90.7	37	35.0	23	21.7	21	19.8	19	18.0	16	15.1	6	5.7
LEBANON	80	71.9	37	33.2	19	17.1	37	33.2	13	11.7	19	17.1	14	12.6
LEHIGH	178	64.4	73	26.4	72	26.0	62	22.4	43	15.6	35	12.7	32	11.6
LUZERNE	278	82.6	109	32.4	85	25.3	93	27.6	64	19.0	41	12.2	47	14.0
LYCOMING	92	78.6	48	41.0	16	13.7	27	23.1	25	21.3	27	23.1	19	16.2
MCKEAN	39	79.3	17	34.6	10	20.3	5	10.2	12	24.4	9	18.3	4	8.1
MERCER	76	59.8	42	33.0	56	44.1	22	17.3	22	17.3	22	17.3	14	11.0
MIFFLIN	31	66.5	17	36.5	13	27.9	5	10.7	9	19.3	4	8.6	3	6.4
MONROE	42	54.4	28	36.3	16	20.7	9	11.7	14	18.1	19	24.6	10	13.0
MONTGOMERY	448	68.0	185	28.1	184	27.9	109	16.5	100	15.2	87	13.2	70	10.6
MONTOUR	17	100.0	11	64.7	11	64.7	3	17.6	5	29.4	1	5.9	0	-
NORTHAMPTON	127	55.0	74	32.1	54	23.4	32	13.9	32	13.9	29	12.6	34	14.7
NORTHUMBERLAND	117	116.8	38	37.9	23	23.0	23	23.0	18	18.0	25	24.9	14	14.0
PERRY	21	55.9	13	34.6	6	16.0	7	18.6	2	5.3	5	13.3	3	8.0
PHILADELPHIA	1,228	74.6	468	28.4	495	30.1	331	20.1	477	29.0	147	8.9	207	12.6
PIKE	15	72.8	4	19.4	1	4.9	4	19.4	8	38.8	3	14.6	4	19.4
POTTER	16	87.0	7	38.0	6	32.6	3	16.3	3	16.3	2	10.9	2	10.9
SCHUYLKILL	143	90.7	50	31.7	34	21.6	59	37.4	30	19.0	49	31.1	28	17.8
SNYDER	23	65.0	12	33.9	3	8.5	13	36.7	4	11.3	13	36.7	3	8.5
SOMERSET	49	59.8	20	24.4	22	26.9	9	11.0	23	28.1	19	23.2	7	8.5
SULLIVAN	2	32.2	1	16.1	1	16.1	1	16.1	1	16.1	4	64.5	3	48.4
SUSQUEHANNA	24	61.9	17	43.8	5	12.9	9	23.2	15	38.7	7	18.0	5	12.9
TIOGA	28	69.5	12	29.8	7	17.4	14	34.7	6	14.9	11	27.3	4	9.9
UNION	32	95.2	8	23.8	13	38.7	6	17.9	7	20.8	8	23.8	2	6.0
VENANGO	53	82.2	29	45.0	13	20.2	17	26.4	9	14.0	19	29.5	6	9.3
WARREN	32	67.1	25	52.4	12	25.2	7	14.7	14	29.4	11	23.1	6	12.6
WASHINGTON	139	64.0	88	40.5	56	25.8	60	27.6	39	18.0	32	14.7	20	9.2
WAYNE	26	68.8	13	34.4	8	21.2	7	18.5	10	26.5	13	34.4	3	7.9
WESTMORELAND	239	61.8	118	30.5	60	15.5	93	24.1	75	19.4	95	24.6	53	13.7
WYOMING	17	62.3	7	25.6	5	18.3	5	18.3	5	18.3	10	36.6	4	14.7
YORK	180	55.8	86	26.7	53	16.4	56	17.4	48	14.9	48	14.9	42	13.0

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED<CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	NEPHRITIS AND NEPHROSIS		SEPTICEMIA		ATHERO-SCLEROSIS		LIVER DISEASE AND CIRRHOSIS		AORTIC ANEURYSM		PERINATAL CONDITIONS		PNEUMOCONIOSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	1,406	11.8	1,327	11.2	1,316	11.1	1,296	10.9	926	7.8	859	7.2	636	5.3
ADAMS	3	4.3	2	2.9	13	18.8	5	7.2	3	4.3	1	1.4	0	-
ALLEGHENY	192	13.6	160	11.3	117	8.3	242	17.2	123	8.7	111	7.9	6	0.4
ARMSTRONG	9	10.9	2	2.4	10	12.2	8	9.7	7	8.5	2	2.4	4	4.9
BEAVER	19	9.5	18	9.0	20	10.0	20	10.0	12	6.0	22	11.0	1	0.5
BEDFORD	7	14.6	2	4.2	9	18.7	2	4.2	3	6.2	4	8.3	0	-
BERKS	26	8.2	26	8.2	46	14.5	28	8.8	24	7.6	23	7.3	3	0.9
BLAIR	18	13.4	16	11.9	20	14.9	14	10.4	23	17.1	7	5.2	1	0.7
BRADFORD	3	4.7	4	6.2	29	45.3	7	10.9	7	10.9	1	1.6	0	-
BUCKS	26	5.1	43	8.5	50	9.8	23	4.5	36	7.1	19	3.7	1	0.2
BUTLER	21	13.9	9	5.9	21	13.9	10	6.6	9	5.9	7	4.6	1	0.7
CAMBRIA	24	13.6	11	6.2	32	18.1	21	11.9	10	5.6	6	3.4	41	23.2
CAMERON	0	-	0	-	3	45.5	0	-	1	15.2	0	-	0	-
CARBON	6	11.1	4	7.4	13	24.1	10	18.5	5	9.3	4	7.4	27	50.0
CENTRE	6	5.2	3	2.6	11	9.6	7	6.1	7	6.1	6	5.2	1	0.9
CHESTER	30	9.0	25	7.5	27	8.1	27	8.1	30	9.0	28	8.4	0	-
CLARION	11	25.5	4	9.3	3	7.0	2	4.6	4	9.3	0	-	3	7.0
CLEARFIELD	6	7.1	6	7.1	10	11.8	9	10.7	10	11.8	5	5.9	6	7.1
CLINTON	6	15.3	0	-	8	20.5	2	5.1	2	5.1	4	10.2	1	2.6
COLUMBIA	5	8.1	2	3.2	5	8.1	3	4.9	11	17.8	4	6.5	2	3.2
CRAWFORD	11	12.3	4	4.5	18	20.2	11	12.3	9	10.1	7	7.9	0	-
CUMBERLAND	11	5.9	14	7.5	28	15.1	9	4.9	14	7.5	15	8.1	1	0.5
DAUPHIN	29	12.3	29	12.3	23	9.8	16	6.8	10	4.2	16	6.8	3	1.3
DELAWARE	60	10.9	79	14.3	65	11.8	76	13.8	48	8.7	48	8.7	4	0.7
ELK	3	8.0	1	2.7	3	8.0	5	13.3	3	8.0	3	8.0	0	-
ERIE	35	12.4	25	8.9	19	6.7	32	11.3	23	8.2	25	8.9	2	0.7
FAYETTE	19	11.9	12	7.5	7	4.4	21	13.2	14	8.8	9	5.7	9	5.7
FOREST	0	-	0	-	0	-	1	20.0	0	-	0	-	0	-
FRANKLIN	13	11.2	12	10.3	30	25.8	7	6.0	8	6.9	8	6.9	0	-
FULTON	1	7.4	0	-	3	22.2	2	14.8	1	7.4	0	-	0	-
GREENE	3	7.3	2	4.9	2	4.9	5	12.1	3	7.3	4	9.7	1	2.4
HUNTINGDON	6	14.1	1	2.3	7	16.4	3	7.0	6	14.1	1	2.3	0	-
INDIANA	8	8.6	5	5.4	31	33.2	10	10.7	8	8.6	6	6.4	2	2.1
JEFFERSON	10	20.5	4	8.2	15	30.7	4	8.2	3	6.1	1	2.0	0	-
JUNIATA	1	5.1	0	-	7	35.4	0	-	1	5.1	2	10.1	0	-
LACKAWANNA	28	12.5	22	9.8	33	14.7	43	19.2	15	6.7	18	8.0	66	29.5

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED<CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	NEPHRITIS AND NEPHROSIS		SEPTICEMIA		ATHERO-SCLEROSIS		LIVER DISEASE AND CIRRHOSIS		AORTIC ANEURYSM		PERINATAL CONDITIONS		PNEUMOCONIOSIS	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	41	10.8	31	8.1	49	12.9	17	4.5	34	8.9	18	4.7	1	0.3
LAWRENCE	10	9.5	5	4.7	8	7.6	6	5.7	7	6.6	8	7.6	0	-
LEBANON	10	9.0	7	6.3	3	2.7	10	9.0	9	8.1	4	3.6	1	0.9
LEHIGH	23	8.3	15	5.4	53	19.2	24	8.7	26	9.4	18	6.5	0	-
LUZERNE	60	17.8	28	8.3	46	13.7	47	14.0	18	5.4	10	3.0	225	66.9
LYCOMING	11	9.4	10	8.5	13	11.1	8	6.8	9	7.7	4	3.4	0	-
MCKEAN	3	6.1	2	4.1	7	14.2	7	14.2	2	4.1	4	8.1	0	-
MERCER	14	11.0	7	5.5	9	7.1	12	9.4	5	3.9	5	3.9	0	-
MIFFLIN	5	10.7	1	2.1	2	4.3	2	4.3	6	12.9	1	2.1	1	2.1
MONROE	5	6.5	9	11.7	4	5.2	11	14.2	4	5.2	2	2.6	0	-
MONTGOMERY	52	7.9	75	11.4	47	7.1	78	11.8	52	7.9	35	5.3	5	0.8
MONTOUR	1	5.9	5	29.4	0	-	1	5.9	0	-	0	-	0	-
NORTHAMPTON	28	12.1	18	7.8	22	9.5	19	8.2	13	5.6	8	3.5	0	-
NORTHUMBERLAND	15	15.0	13	13.0	13	13.0	14	14.0	12	12.0	2	2.0	21	21.0
PERRY	5	13.3	2	5.3	4	10.6	1	2.7	5	13.3	0	-	0	-
PHILADELPHIA	299	18.2	435	26.4	146	8.9	223	13.5	107	6.5	211	12.8	12	0.7
PIKE	2	9.7	1	4.9	1	4.9	3	14.6	2	9.7	1	4.9	0	-
POTTER	1	5.4	2	10.9	2	10.9	0	-	2	10.9	2	10.9	0	-
SCHUYLKILL	31	19.7	15	9.5	9	5.7	21	13.3	15	9.5	4	2.5	154	97.7
SNYDER	3	8.5	3	8.5	1	2.8	1	2.8	0	-	0	-	0	-
SOMERSET	13	15.9	5	6.1	5	6.1	10	12.2	8	9.8	11	13.4	13	15.9
SULLIVAN	1	16.1	0	-	0	-	0	-	1	16.1	0	-	0	-
SUSQUEHANNA	9	23.2	3	7.7	6	15.5	3	7.7	2	5.2	3	7.7	1	2.6
TIOGA	1	2.5	1	2.5	1	2.5	6	14.9	3	7.4	1	2.5	0	-
UNION	3	8.9	0	-	7	20.8	2	6.0	4	11.9	2	6.0	0	-
VENANGO	6	9.3	4	6.2	9	14.0	9	14.0	5	7.8	7	10.9	2	3.1
WARREN	3	6.3	4	8.4	6	12.6	1	2.1	3	6.3	1	2.1	0	-
WASHINGTON	23	10.6	28	12.9	16	7.4	24	11.0	15	6.9	26	12.0	3	1.4
WAYNE	0	-	4	10.6	9	23.8	1	2.6	5	13.2	1	2.6	0	-
WESTMORELAND	33	8.5	27	7.0	34	8.8	32	8.3	24	6.2	27	7.0	9	2.3
WYOMING	4	14.7	0	-	21	76.9	0	-	2	7.3	3	11.0	1	3.7
YORK	35	10.9	20	6.2	25	7.8	18	5.6	33	10.2	23	7.1	1	0.3

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	CONGENITAL ANOMALIES		HOMICIDE AND LEGAL INTERV		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	588	4.9	580	4.9	447	3.8	433	3.6	314	2.6	312	2.6	277	2.3
ADAMS	1	1.4	1	1.4	3	4.3	2	2.9	0	-	3	4.3	0	-
ALLEGHENY	67	4.8	74	5.2	55	3.9	53	3.8	48	3.4	25	1.8	41	2.9
ARMSTRONG	2	2.4	0	-	2	2.4	2	2.4	5	6.1	3	3.6	1	1.2
BEAVER	10	5.0	3	1.5	9	4.5	7	3.5	2	1.0	10	5.0	3	1.5
BEDFORD	0	-	0	-	0	-	2	4.2	1	2.1	1	2.1	0	-
BERKS	13	4.1	7	2.2	12	3.8	11	3.5	13	4.1	9	2.8	8	2.5
BLAIR	7	5.2	2	1.5	2	1.5	11	8.2	3	2.2	2	1.5	4	3.0
BRADFORD	3	4.7	1	1.6	3	4.7	0	-	2	3.1	3	4.7	4	6.2
BUCKS	21	4.1	12	2.4	19	3.7	11	2.2	8	1.6	6	1.2	15	2.9
BUTLER	8	5.3	7	4.6	2	1.3	3	2.0	7	4.6	4	2.6	2	1.3
CAMBRIA	6	3.4	4	2.3	11	6.2	5	2.8	3	1.7	3	1.7	9	5.1
CAMERON	0	-	0	-	1	15.2	0	-	0	-	0	-	0	-
CARBON	1	1.9	1	1.9	1	1.9	3	5.6	2	3.7	0	-	0	-
CENTRE	1	0.9	1	0.9	2	1.7	5	4.4	0	-	1	0.9	1	0.9
CHESTER	18	5.4	12	3.6	9	2.7	13	3.9	6	1.8	7	2.1	14	4.2
CLARION	3	7.0	1	2.3	0	-	0	-	0	-	0	-	0	-
CLEARFIELD	3	3.6	1	1.2	5	5.9	2	2.4	4	4.7	2	2.4	3	3.6
CLINTON	3	7.7	0	-	3	7.7	0	-	0	-	0	-	0	-
COLUMBIA	4	6.5	1	1.6	6	9.7	3	4.9	2	3.2	0	-	0	-
CRAWFORD	6	6.7	1	1.1	2	2.2	5	5.6	5	5.6	3	3.4	1	1.1
CUMBERLAND	7	3.8	2	1.1	9	4.9	4	2.2	2	1.1	4	2.2	10	5.4
DAUPHIN	12	5.1	18	7.6	18	7.6	5	2.1	6	2.5	10	4.2	8	3.4
DELAWARE	30	5.4	23	4.2	17	3.1	26	4.7	13	2.4	14	2.5	11	2.0
ELK	1	2.7	3	8.0	0	-	2	5.3	0	-	1	2.7	1	2.7
ERIE	20	7.1	8	2.8	6	2.1	16	5.7	10	3.5	8	2.8	4	1.4
FAYETTE	11	6.9	5	3.1	15	9.4	5	3.1	6	3.8	4	2.5	3	1.9
FOREST	0	-	1	20.0	0	-	0	-	0	-	1	20.0	0	-
FRANKLIN	7	6.0	2	1.7	10	8.6	4	3.4	1	0.9	1	0.9	2	1.7
FULTON	1	7.4	1	7.4	0	-	0	-	0	-	1	7.4	2	14.8
GREENE	1	2.4	1	2.4	1	2.4	2	4.9	1	2.4	2	4.9	0	-
HUNTINGDON	1	2.3	1	2.3	0	-	2	4.7	0	-	4	9.4	0	-
INDIANA	1	1.1	1	1.1	0	-	4	4.3	3	3.2	1	1.1	2	2.1
JEFFERSON	3	6.1	0	-	1	2.0	2	4.1	1	2.0	2	4.1	1	2.0
JUNIATA	2	10.1	0	-	1	5.1	0	-	0	-	0	-	0	-
LACKAWANNA	5	2.2	5	2.2	6	2.7	9	4.0	8	3.6	8	3.6	3	1.3

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	CONGENITAL ANOMALIES		HOMICIDE AND LEGAL INTERV		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	24	6.3	4	1.0	17	4.5	13	3.4	7	1.8	9	2.4	6	1.6
LAWRENCE	3	2.8	2	1.9	2	1.9	5	4.7	3	2.8	1	0.9	7	6.6
LEBANON	6	5.4	5	4.5	0	-	4	3.6	1	0.9	1	0.9	3	2.7
LEHIGH	10	3.6	8	2.9	16	5.8	14	5.1	6	2.2	6	2.2	4	1.4
LUZERNE	19	5.6	8	2.4	13	3.9	17	5.1	6	1.8	14	4.2	10	3.0
LYCOMING	6	5.1	3	2.6	3	2.6	3	2.6	1	0.9	2	1.7	1	0.9
MCKEAN	2	4.1	0	-	1	2.0	3	6.1	1	2.0	3	6.1	1	2.0
MERCER	6	4.7	3	2.4	2	1.6	2	1.6	9	7.1	7	5.5	0	-
MIFFLIN	2	4.3	0	-	1	2.1	1	2.1	0	-	0	-	0	-
MONROE	5	6.5	1	1.3	0	-	3	3.9	1	1.3	0	-	2	2.6
MONTGOMERY	28	4.2	14	2.1	22	3.3	15	2.3	16	2.4	23	3.5	27	4.1
MONTOUR	2	11.8	0	-	2	11.8	1	5.9	0	-	0	-	1	5.9
NORTHAMPTON	8	3.5	7	3.0	13	5.6	9	3.9	8	3.5	6	2.6	3	1.3
NORTHUMBERLAND	4	4.0	0	-	8	8.0	3	3.0	3	3.0	4	4.0	0	-
PERRY	3	8.0	1	2.7	4	10.6	0	-	1	2.7	0	-	0	-
PHILADELPHIA	101	6.1	288	17.5	64	3.9	77	4.7	48	2.9	49	3.0	32	1.9
PIKE	3	14.6	1	4.9	0	-	0	-	0	-	0	-	0	-
POTTER	0	-	1	5.4	0	-	0	-	0	-	0	-	0	-
SCHUYLKILL	6	3.8	5	3.2	4	2.5	6	3.8	6	3.8	7	4.4	3	1.9
SNYDER	2	5.7	0	-	1	2.8	1	2.8	0	-	3	8.5	0	-
SOMERSET	9	11.0	1	1.2	5	6.1	3	3.7	3	3.7	1	1.2	0	-
SULLIVAN	0	-	0	-	0	-	0	-	0	-	1	16.1	0	-
SUSQUEHANNA	2	5.2	0	-	5	12.9	2	5.2	2	5.2	2	5.2	0	-
TIOGA	2	5.0	1	2.5	2	5.0	1	2.5	0	-	2	5.0	0	-
UNION	3	8.9	1	3.0	0	-	0	-	0	-	0	-	1	3.0
VENANGO	6	9.3	0	-	1	1.6	3	4.7	4	6.2	2	3.1	1	1.6
WARREN	1	2.1	2	4.2	3	6.3	2	4.2	1	2.1	3	6.3	1	2.1
WASHINGTON	12	5.5	5	2.3	4	1.8	6	2.8	5	2.3	10	4.6	2	0.9
WAYNE	3	7.9	1	2.6	2	5.3	0	-	3	7.9	0	-	0	-
WESTMORELAND	19	4.9	7	1.8	14	3.6	13	3.4	5	1.3	2	0.5	9	2.3
WYOMING	0	-	1	3.7	1	3.7	0	-	2	7.3	0	-	0	-
YORK	12	3.7	10	3.1	6	1.9	7	2.2	10	3.1	11	3.4	10	3.1

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		ALCOHOLISM		EPILEPSY	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	220	1.8	163	1.4	148	1.2	124	1.0	117	1.0	105	0.9	92	0.8
ADAMS	1	1.4	1	1.4	1	1.4	0	-	0	-	0	-	0	-
ALLEGHENY	30	2.1	23	1.6	23	1.6	18	1.3	17	1.2	11	0.8	17	1.2
ARMSTRONG	3	3.6	0	-	3	3.6	3	3.6	0	-	1	1.2	0	-
BEAVER	3	1.5	6	3.0	4	2.0	4	2.0	1	0.5	1	0.5	2	1.0
BEDFORD	1	2.1	0	-	2	4.2	1	2.1	1	2.1	0	-	0	-
BERKS	7	2.2	3	0.9	3	0.9	3	0.9	5	1.6	1	0.3	3	0.9
BLAIR	2	1.5	3	2.2	2	1.5	3	2.2	3	2.2	3	2.2	1	0.7
BRADFORD	2	3.1	0	-	3	4.7	0	-	0	-	1	1.6	0	-
BUCKS	5	1.0	3	0.6	1	0.2	4	0.8	2	0.4	1	0.2	3	0.6
BUTLER	1	0.7	0	-	3	2.0	1	0.7	1	0.7	2	1.3	2	1.3
CAMBRIA	5	2.8	2	1.1	4	2.3	3	1.7	1	0.6	2	1.1	0	-
CAMERON	0	-	0	-	0	-	0	-	0	-	0	-	0	-
CARBON	1	1.9	0	-	2	3.7	0	-	1	1.9	0	-	0	-
CENTRE	3	2.6	0	-	1	0.9	1	0.9	1	0.9	1	0.9	0	-
CHESTER	2	0.6	2	0.6	0	-	2	0.6	2	0.6	1	0.3	0	-
CLARION	1	2.3	0	-	3	7.0	2	4.6	0	-	0	-	2	4.6
CLEARFIELD	0	-	3	3.6	0	-	2	2.4	3	3.6	1	1.2	0	-
CLINTON	0	-	0	-	1	2.6	2	5.1	0	-	0	-	0	-
COLUMBIA	0	-	1	1.6	3	4.9	1	1.6	0	-	0	-	0	-
CRAWFORD	0	-	2	2.2	2	2.2	2	2.2	3	3.4	0	-	2	2.2
CUMBERLAND	3	1.6	1	0.5	1	0.5	1	0.5	2	1.1	2	1.1	2	1.1
DAUPHIN	5	2.1	2	0.8	2	0.8	5	2.1	3	1.3	2	0.8	2	0.8
DELAWARE	11	2.0	8	1.5	5	0.9	3	0.5	5	0.9	8	1.5	1	0.2
ELK	1	2.7	1	2.7	0	-	0	-	0	-	0	-	0	-
ERIE	9	3.2	6	2.1	3	1.1	1	0.4	5	1.8	3	1.1	1	0.4
FAYETTE	1	0.6	3	1.9	2	1.3	0	-	0	-	1	0.6	1	0.6
FOREST	0	-	0	-	0	-	0	-	0	-	0	-	0	-
FRANKLIN	5	4.3	0	-	1	0.9	1	0.9	2	1.7	1	0.9	0	-
FULTON	0	-	0	-	1	7.4	0	-	0	-	0	-	0	-
GREENE	0	-	0	-	1	2.4	0	-	0	-	0	-	0	-
HUNTINGDON	0	-	1	2.3	0	-	0	-	0	-	1	2.3	1	2.3
INDIANA	2	2.1	0	-	0	-	0	-	0	-	1	1.1	1	1.1
JEFFERSON	3	6.1	0	-	0	-	0	-	0	-	0	-	1	2.0
JUNIATA	0	-	0	-	0	-	0	-	0	-	0	-	0	-
LACKAWANNA	2	0.9	6	2.7	3	1.3	3	1.3	1	0.4	1	0.4	1	0.4

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		ALCOHOLISM		EPILEPSY	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	1	0.3	2	0.5	2	0.5	1	0.3	5	1.3	0	-	5	1.3
LAWRENCE	4	3.8	4	3.8	0	-	2	1.9	1	0.9	1	0.9	1	0.9
LEBANON	0	-	0	-	0	-	2	1.8	2	1.8	0	-	1	0.9
LEHIGH	5	1.8	7	2.5	2	0.7	0	-	2	0.7	0	-	3	1.1
LUZERNE	8	2.4	2	0.6	11	3.3	0	-	5	1.5	1	0.3	1	0.3
LYCOMING	4	3.4	2	1.7	1	0.9	0	-	0	-	0	-	1	0.9
MCKEAN	1	2.0	2	4.1	1	2.0	0	-	0	-	0	-	0	-
MERCER	1	0.8	0	-	4	3.1	4	3.1	1	0.8	0	-	3	2.4
MIFFLIN	0	-	0	-	0	-	1	2.1	1	2.1	0	-	0	-
MONROE	1	1.3	0	-	0	-	0	-	0	-	0	-	0	-
MONTGOMERY	7	1.1	13	2.0	8	1.2	7	1.1	6	0.9	5	0.8	2	0.3
MONTOUR	1	5.9	0	-	0	-	1	5.9	0	-	0	-	0	-
NORTHAMPTON	3	1.3	5	2.2	7	3.0	1	0.4	2	0.9	1	0.4	0	-
NORTHUMBERLAND	3	3.0	1	1.0	0	-	3	3.0	2	2.0	1	1.0	0	-
PERRY	0	-	0	-	0	-	1	2.7	0	-	0	-	1	2.7
PHILADELPHIA	51	3.1	35	2.1	16	1.0	21	1.3	15	0.9	39	2.4	14	0.9
PIKE	0	-	0	-	0	-	1	4.9	0	-	0	-	0	-
POTTER	0	-	0	-	0	-	0	-	0	-	0	-	0	-
SCHUYLKILL	5	3.2	1	0.6	3	1.9	0	-	6	3.8	1	0.6	2	1.3
SNYDER	2	5.7	0	-	0	-	1	2.8	1	2.8	0	-	3	8.5
SOMERSET	0	-	0	-	3	3.7	0	-	1	1.2	0	-	3	3.7
SULLIVAN	0	-	1	16.1	0	-	0	-	0	-	0	-	0	-
SUSQUEHANNA	0	-	0	-	0	-	0	-	0	-	0	-	1	2.6
TIOGA	1	2.5	0	-	1	2.5	0	-	1	2.5	1	2.5	0	-
UNION	0	-	0	-	1	3.0	2	6.0	0	-	0	-	0	-
VENANGO	0	-	2	3.1	1	1.6	0	-	0	-	1	1.6	1	1.6
WARREN	0	-	2	4.2	0	-	2	4.2	0	-	0	-	0	-
WASHINGTON	3	1.4	0	-	1	0.5	2	0.9	0	-	2	0.9	1	0.5
WAYNE	1	2.6	0	-	0	-	1	2.6	0	-	1	2.6	0	-
WESTMORELAND	5	1.3	3	0.8	3	0.8	1	0.3	4	1.0	3	0.8	4	1.0
WYOMING	0	-	0	-	1	3.7	0	-	0	-	0	-	0	-
YORK	4	1.2	4	1.2	2	0.6	4	1.2	3	0.9	2	0.6	2	0.6

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	TUBERCULOSIS		MULTIPLE SCLEROSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL COUNTIES	86	0.7	76	0.6	65	0.5	52	0.4	10,269	86.3
ADAMS	0	-	1	1.4	0	-	0	-	34	49.3
ALLEGHENY	10	0.7	10	0.7	7	0.5	3	0.2	1,105	78.4
ARMSTRONG	1	1.2	1	1.2	0	-	0	-	48	58.4
BEAVER	0	-	1	0.5	3	1.5	0	-	133	66.8
BEDFORD	0	-	0	-	0	-	0	-	19	39.5
BERKS	2	0.6	2	0.6	0	-	0	-	207	65.3
BLAIR	2	1.5	2	1.5	3	2.2	0	-	103	76.6
BRADFORD	0	-	0	-	2	3.1	0	-	76	118.7
BUCKS	2	0.4	4	0.8	1	0.2	1	0.2	443	87.1
BUTLER	2	1.3	1	0.7	2	1.3	0	-	70	46.3
CAMBRIA	0	-	2	1.1	0	-	0	-	121	68.3
CAMERON	0	-	0	-	0	-	0	-	4	60.6
CARBON	0	-	0	-	0	-	0	-	21	38.9
CENTRE	1	0.9	2	1.7	0	-	0	-	40	34.9
CHESTER	1	0.3	1	0.3	1	0.3	1	0.3	198	59.2
CLARION	0	-	1	2.3	0	-	1	2.3	23	53.4
CLEARFIELD	1	1.2	0	-	1	1.2	1	1.2	60	71.0
CLINTON	0	-	1	2.6	1	2.6	0	-	21	53.7
COLUMBIA	0	-	0	-	2	3.2	0	-	30	48.5
CRAWFORD	0	-	0	-	0	-	0	-	62	69.6
CUMBERLAND	0	-	2	1.1	0	-	0	-	109	58.8
DAUPHIN	3	1.3	0	-	0	-	0	-	156	66.2
DELAWARE	1	0.2	4	0.7	2	0.4	0	-	488	88.5
ELK	0	-	0	-	0	-	0	-	25	66.5
ERIE	1	0.4	4	1.4	1	0.4	1	0.4	192	68.1
FAYETTE	1	0.6	2	1.3	1	0.6	0	-	120	75.4
FOREST	0	-	0	-	1	20.0	0	-	3	59.9
FRANKLIN	0	-	3	2.6	1	0.9	2	1.7	68	58.5
FULTON	0	-	0	-	0	-	0	-	6	44.4
GREENE	0	-	0	-	1	2.4	0	-	33	80.1
HUNTINGDON	2	4.7	0	-	0	-	0	-	23	53.9
INDIANA	0	-	1	1.1	0	-	0	-	57	61.1
JEFFERSON	0	-	0	-	1	2.0	0	-	36	73.6
JUNIATA	0	-	0	-	0	-	0	-	22	111.1
LACKAWANNA	5	2.2	3	1.3	2	0.9	4	1.8	143	63.8

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

(CONTINUED)

TABLE C-20 (CONTINUED)
SELECTED CAUSES OF DEATH BY COUNTY, NUMBER AND RATE:
PENNSYLVANIA, 1984

COUNTY	TUBERCULOSIS		MULTIPLE SCLEROSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
LANCASTER	1	0.3	1	0.3	3	0.8	1	0.3	212	55.6
LAWRENCE	0	-	0	-	0	-	2	1.9	67	63.3
LEBANON	1	0.9	0	-	0	-	1	0.9	60	53.9
LEHIGH	2	0.7	4	1.4	2	0.7	3	1.1	180	65.1
LUZERNE	7	2.1	2	0.6	2	0.6	1	0.3	228	67.8
LYCOMING	0	-	2	1.7	1	0.9	0	-	69	58.9
MCKEAN	0	-	0	-	0	-	1	2.0	32	65.0
MERCER	0	-	0	-	2	1.6	0	-	80	62.9
MIFFLIN	0	-	1	2.1	0	-	0	-	28	60.1
MONROE	1	1.3	0	-	1	1.3	1	1.3	53	68.7
MONTGOMERY	2	0.3	8	1.2	1	0.2	4	0.6	458	69.5
MONTOUR	0	-	0	-	0	-	0	-	22	129.4
NORTHAMPTON	0	-	1	0.4	0	-	0	-	135	58.5
NORTHUMBERLAND	2	2.0	0	-	1	1.0	0	-	70	69.9
PERRY	0	-	0	-	0	-	0	-	25	66.5
PHILADELPHIA	27	1.6	7	0.4	11	0.7	14	0.9	3,155	191.6
PIKE	0	-	0	-	0	-	0	-	26	126.2
POTTER	0	-	0	-	0	-	0	-	17	92.4
SCHUYLKILL	3	1.9	0	-	1	0.6	1	0.6	126	79.9
SNYDER	0	-	0	-	0	-	0	-	15	42.4
SOMERSET	1	1.2	0	-	2	2.4	0	-	54	65.9
SULLIVAN	0	-	0	-	0	-	0	-	9	145.1
SUSQUEHANNA	0	-	0	-	0	-	0	-	19	49.0
TIOGA	0	-	0	-	0	-	0	-	21	52.1
UNION	0	-	1	3.0	0	-	0	-	33	98.2
VENANGO	0	-	0	-	0	-	0	-	44	68.2
WARREN	0	-	0	-	0	-	1	2.1	36	75.5
WASHINGTON	1	0.5	0	-	2	0.9	1	0.5	149	68.6
WAYNE	0	-	0	-	0	-	1	2.6	31	82.0
WESTMORELAND	0	-	1	0.3	1	0.3	4	1.0	315	81.5
WYOMING	0	-	0	-	0	-	0	-	9	33.0
YORK	3	0.9	0	-	2	0.6	2	0.6	192	59.6

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH COUNTY.

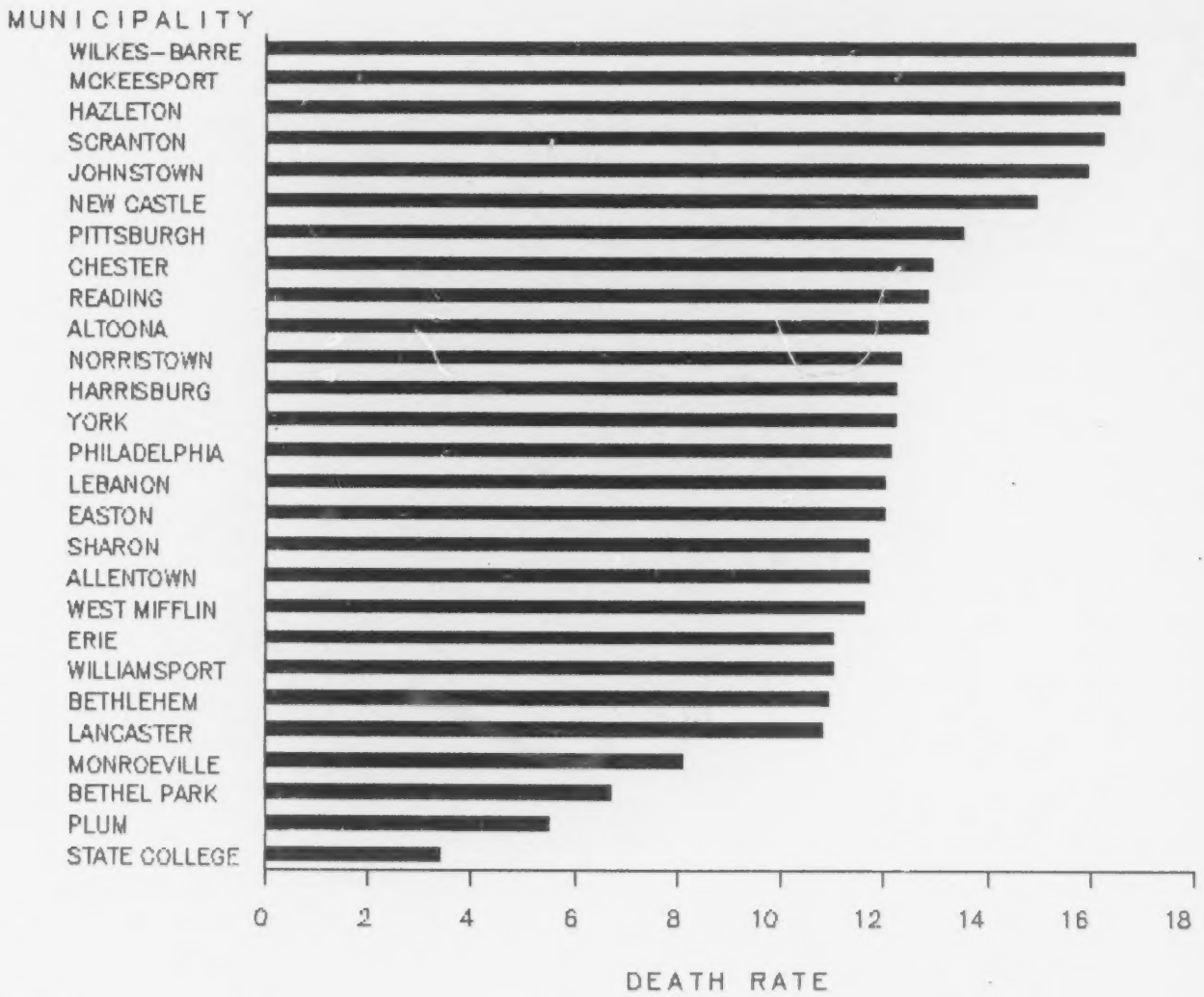
TABLE C-21
RESIDENT LIVE BIRTHS, TOTAL DEATHS, INFANT, NEONATAL, AND FETAL DEATHS
BY SELECTED MUNICIPALITIES, NUMBER AND RATE: PENNSYLVANIA, 1984

	LIVE BIRTHS		TOTAL DEATHS		INFANT DEATHS		NEONATAL DEATHS		FETAL DEATHS	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER**	RATE*
ALLENTOWN	1,599	15.4	1,211	11.7	16	10.0	10	6.3	14	8.7
ALTOONA	715	13.1	701	12.8	8	11.2	6	8.4	6	8.3
BETHEL PARK	396	11.5	232	6.7	3	7.6	2	5.1	2	5.0
BETHLEHEM	845	12.1	764	10.9	7	8.3	7	8.3	9	10.5
CHESTER	899	20.4	569	12.9	18	20.0	13	14.5	13	14.3
EASTON	393	15.1	313	12.0	2	5.1	0	-	3	7.6
ERIE	2,110	18.0	1,298	11.0	22	10.4	16	7.6	21	9.9
HARRISBURG	1,017	19.5	634	12.2	16	15.7	13	12.8	15	14.5
HAZLETON	322	12.3	431	16.5	7	21.7	5	15.5	4	12.3
JOHNSTOWN	403	12.2	525	15.9	2	5.0	1	2.5	12	28.9
LANCASTER	1,069	19.0	608	10.8	12	11.2	10	9.4	13	12.0
LEBANON	398	15.1	315	12.0	7	17.6	4	10.1	8	19.7
MCKEESPORT	422	14.6	479	16.6	6	14.2	3	7.1	9	20.9
MONROEVILLE	327	10.7	248	8.1	5	15.3	4	12.2	1	3.0
NEW CASTLE	470	14.6	477	14.9	9	19.1	7	14.9	1	2.1
NORRISTOWN	654	19.0	422	12.3	11	16.8	8	12.2	8	12.1
PHILADELPHIA	24,979	15.2	19,949	12.1	388	15.5	257	10.3	400	15.8
PITTSBURGH	5,493	13.6	5,445	13.5	83	15.1	65	11.8	99	17.7
PLUM	369	14.6	138	5.5	2	5.4	2	5.4	0	-
READING	1,423	18.2	1,006	12.8	20	14.1	17	11.9	17	11.8
SCRANTON	1,128	13.5	1,359	16.2	15	13.3	14	12.4	9	7.9
SHARON	241	14.2	199	11.7	3	12.4	3	12.4	2	8.2
STATE COLLEGE	164	4.8	119	3.4	2	12.2	1	6.1	2	12.0
WEST MIFFLIN	257	10.1	294	11.6	4	15.6	4	15.6	3	11.5
WILKES-BARRE	577	11.7	830	16.8	2	3.5	1	1.7	15	25.3
WILLIAMSPORT	499	15.4	355	11.0	4	8.0	2	4.0	6	11.9
YORK	761	17.1	540	12.2	12	15.8	7	9.2	17	21.9

* BIRTH AND TOTAL DEATH RATES PER 1,000 ESTIMATED 1984 POPULATION.
INFANT AND NEONATAL DEATH RATES PER 1,000 LIVE BIRTHS.
FETAL DEATH RATES PER 1,000 DELIVERIES (LIVE BIRTHS PLUS FETAL DEATHS).
**FETAL DEATHS EXCLUDE INDUCED TERMINATIONS.

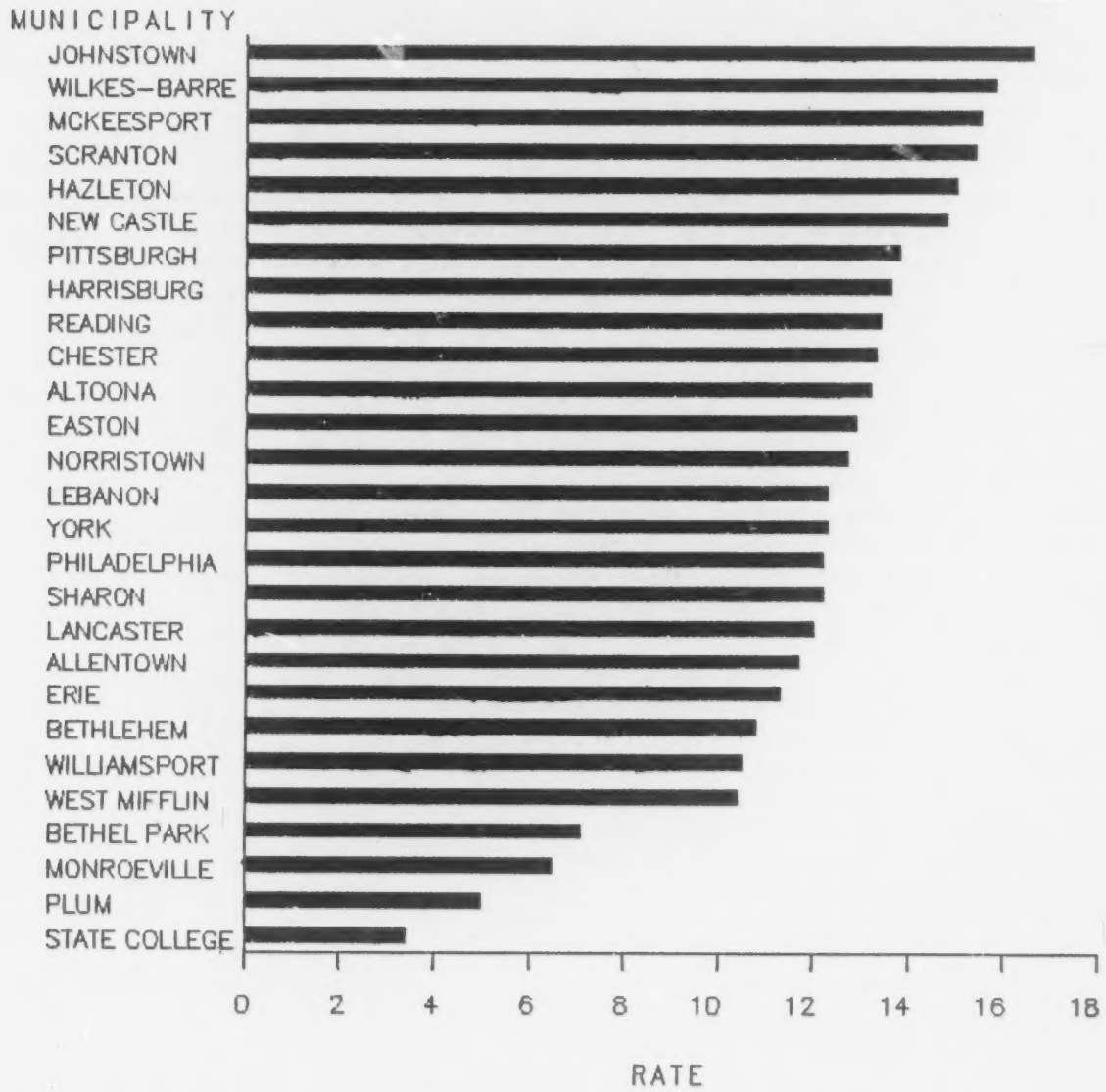
NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

FIGURE C-26
RESIDENT DEATH RATES* BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1984



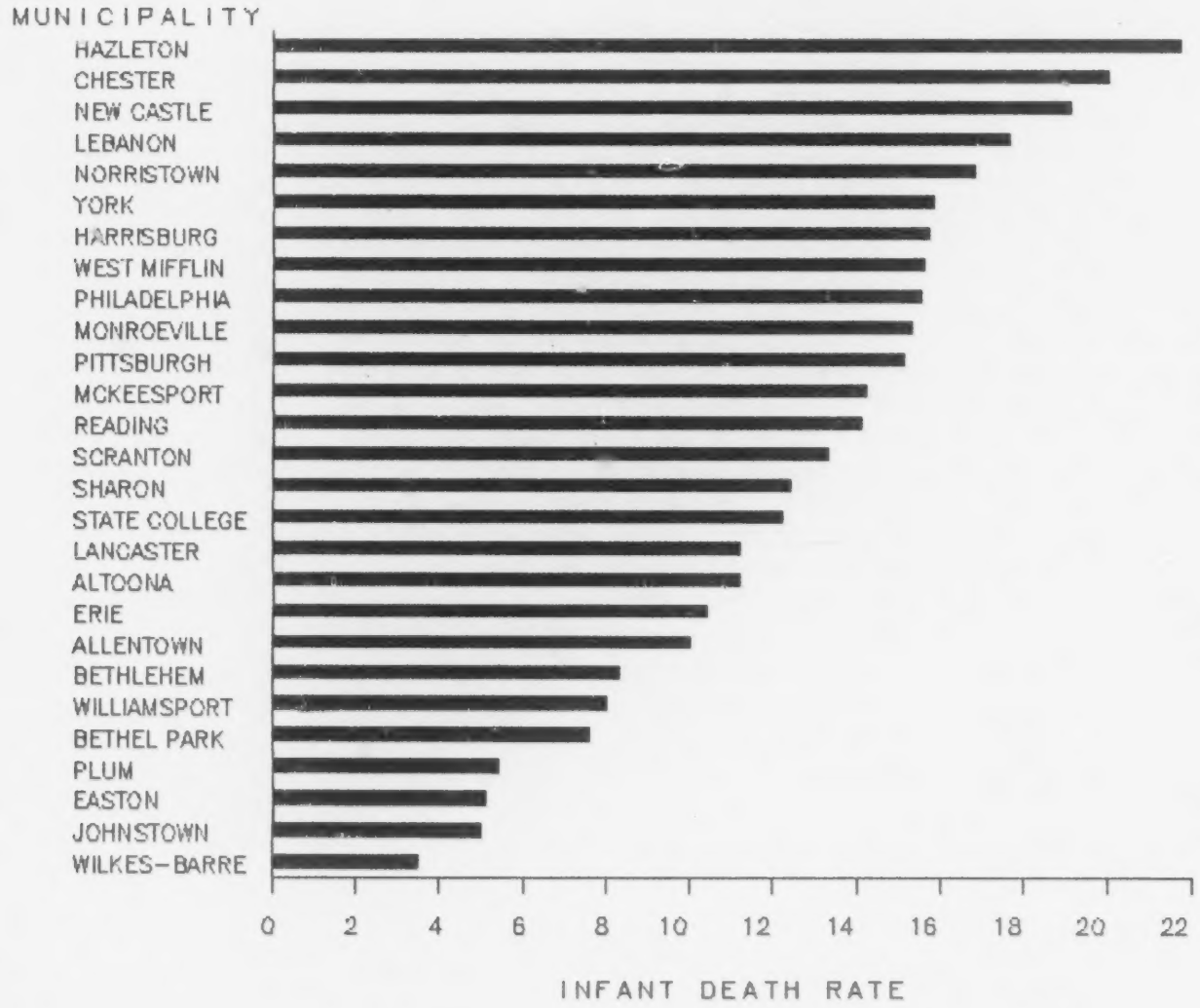
*RATE PER 1,000 POPULATION.

FIGURE C-27
RESIDENT DEATH RATES* BY SELECTED MUNICIPALITIES
PENNSYLVANIA, FIVE YEAR SUMMARY, 1980-1984



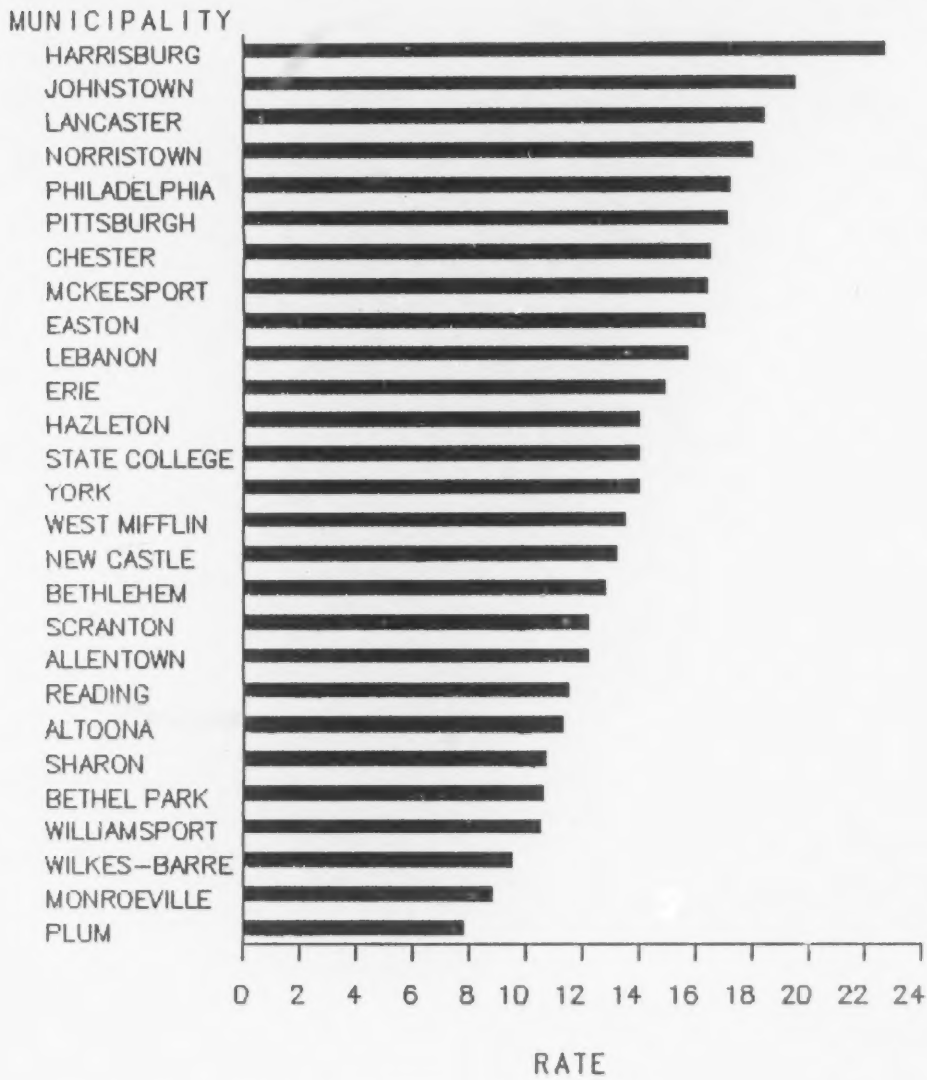
*RATE PER 1,000 POPULATION, 1980-1984.

FIGURE C-28
RESIDENT INFANT DEATH RATES* BY SELECTED MUNICIPALITIES
PENNSYLVANIA, 1984



*RATE PER 1,000 LIVE BIRTHS.

FIGURE C-29
RESIDENT INFANT DEATH RATES* BY SELECTED MUNICIPALITIES
PENNSYLVANIA, FIVE YEAR SUMMARY, 1980-1984



*RATE PER 1,000 LIVE BIRTHS, 1980-1984

TABLE C-22
RESIDENT DEATHS BY AGE GROUP AND SELECTED MUNICIPALITIES
PENNSYLVANIA, 1984

MUNICIPALITY	TOTAL DEATHS	AGE AT DEATH (IN YEARS)											
		UNDER 5	5-9	10-14	15-19	20-24	25-34	35-44	45-54	55-64	65-74	75-84	85 & OVER*
ALLENTOWN	1,211	18	1	3	4	9	23	21	55	161	307	369	240
ALTOONA	701	8	0	4	5	6	8	12	25	107	179	210	137
BETHEL PARK	232	3	0	2	0	3	3	9	19	43	59	56	35
BETHLEHEM	764	8	1	1	3	8	8	17	40	109	210	202	157
CHESTER	569	20	0	0	2	6	18	16	28	100	144	137	98
EASTON	313	2	0	0	0	3	6	11	13	47	81	79	71
ERIE	1,298	23	3	1	1	12	28	22	52	180	359	338	279
HARRISBURG	634	21	0	1	5	4	20	15	35	114	149	155	115
HAZLETON	431	8	0	1	0	0	2	7	17	53	120	139	84
JOHNSTOWN	525	3	0	0	5	2	10	10	26	84	167	142	76
LANCASTER	608	14	1	2	1	4	7	17	28	82	146	174	132
LEBANON	315	9	0	1	0	2	4	3	15	38	99	88	56
MCKEESPORT	479	6	0	1	1	2	9	8	18	73	131	150	80
MONROEVILLE	248	6	0	1	0	1	3	7	12	49	62	72	35
NEW CASTLE	477	9	0	0	1	1	3	8	21	61	139	137	97
NORRISTOWN	422	11	0	0	1	7	9	15	23	60	98	119	79
PHILADELPHIA	19,949	444	25	31	94	162	483	646	1,266	3,143	4,948	5,418	3,289
PITTSBURGH	5,445	93	2	5	18	39	97	112	297	820	1,390	1,576	996
PLUM	138	2	1	0	0	1	3	4	16	25	37	34	15
READING	1,006	23	0	0	4	14	15	15	52	120	251	324	188
SCRANTON	1,359	16	1	2	8	6	14	15	52	170	350	452	273
SHARON	199	4	0	0	0	1	1	5	9	31	51	60	37
STATE COLLEGE	119	2	0	0	1	1	2	0	2	15	38	35	23
WEST MIFFLIN	294	4	1	1	3	1	1	7	21	45	91	85	34
WILKES BARRE	830	4	0	0	3	5	9	8	32	121	253	243	152
WILLIAMSPORT	355	4	0	2	0	7	5	6	12	52	105	108	54
YORK	540	13	0	0	6	4	11	12	21	80	113	175	105

* UNKNOWN AGE AT DEATH INCLUDED IN THE 85 & OVER AGE GROUP.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

TABLE C-23
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

MUNICIPALITY	ALL CAUSES		HEART DISEASE											
			TOTAL HEART DISEASE		RHEUMATIC HEART DISEASE		WITH HYPERTENSION		ISCHEMIC EXCL. ACUTE MYOCARDIAL INFARCTION		ACUTE MYOCARDIAL INFARCTION		OTHER	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	1,211	1165.5	523	503.4	5	4.8	17	16.4	152	146.3	164	157.8	185	178.1
ALTOONA	701	1283.9	309	565.9	5	9.2	7	12.8	88	161.2	151	276.6	58	106.2
BETHEL PARK	232	674.4	106	308.1	1	2.9	1	2.9	52	151.2	35	101.7	17	49.4
BETHLEHEM	764	1091.4	337	481.4	7	10.0	9	12.9	98	140.0	115	164.3	108	154.3
CHESTER	569	1290.2	193	437.6	5	11.3	12	27.2	42	95.2	65	147.4	69	156.5
EASTON	313	1199.2	134	513.4	0	-	4	15.3	41	157.1	22	84.3	67	256.7
ERIE	1,298	1104.7	468	398.3	2	1.7	11	9.4	174	148.1	192	163.4	89	75.7
HARRISBURG	634	1216.9	233	447.2	3	5.8	3	5.8	68	130.5	52	99.8	107	205.4
HAZLETON	431	1651.3	183	701.1	5	19.2	1	3.8	53	203.1	59	226.1	65	249.0
JOHNSTOWN	525	1586.1	203	613.3	4	12.1	4	12.1	70	211.5	82	247.7	43	129.9
LANCASTER	608	1079.9	257	456.5	5	8.9	8	14.2	93	165.2	67	119.0	84	149.2
LEBANON	315	1197.7	142	539.9	1	3.8	3	11.4	51	193.9	35	133.1	52	197.7
MCKEESPORT	479	1657.4	194	671.3	2	6.9	7	24.2	71	245.7	61	211.1	53	183.4
MONROEVILLE	248	813.1	92	301.6	0	-	1	3.3	38	124.6	37	121.3	16	52.5
NEW CASTLE	477	1486.0	210	654.2	3	9.3	3	9.3	79	246.1	92	286.6	33	102.8
NORRISTOWN	422	1226.7	162	470.9	0	-	4	11.6	47	136.6	55	159.9	56	162.8
PHILADELPHIA	19,949	1211.5	6,631	402.7	66	4.0	180	10.9	1,455	88.4	2,616	158.9	2,314	140.5
PITTSBURGH	5,445	1352.5	2,228	553.4	29	7.2	37	9.2	803	199.5	734	182.3	625	155.2
PLUM	138	545.5	51	201.6	0	-	0	-	22	87.0	22	87.0	7	27.7
READING	1,006	1283.2	432	551.0	7	8.9	17	21.7	100	127.6	133	169.6	175	223.2
SCRANTON	1,359	1623.7	654	781.4	7	8.4	25	29.9	222	265.2	184	219.8	216	258.1
SHARON	199	1170.6	78	458.8	1	5.9	0	-	22	129.4	39	229.4	16	94.1
STATE COLLEGE	119	344.9	40	115.9	2	5.8	0	-	15	43.5	13	37.7	10	29.0
WEST MIFFLIN	294	1157.5	134	527.6	0	-	1	3.9	43	169.3	52	204.7	38	149.6
WILKES BARRE	830	1683.6	382	774.8	4	8.1	11	22.3	97	196.8	141	286.0	129	261.7
WILLIAMSPORT	355	1099.1	131	405.6	2	6.2	5	15.5	27	83.6	51	157.9	46	142.4
YORK	540	1216.2	226	509.0	0	-	4	9.0	57	128.4	97	218.5	68	153.2

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

	MALIGNANT NEOPLASMS									
	TOTAL MALIGNANT NEOPLASMS		BUCCAL CAVITY AND PHARYNX		DIGESTIVE ORGANS AND PERITONEUM		RESPIRATORY SYSTEM		BONE, TISSUE, SKIN AND BREAST	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	289	278.2	6	5.8	84	80.8	65	62.6	26	25.0
ALTOONA	134	245.4	4	7.3	40	73.3	36	65.9	17	31.1
BETHEL PARK	55	159.9	0	-	15	43.6	9	26.2	12	34.9
BETHLEHEM	169	241.4	3	4.3	44	62.9	40	57.1	16	22.9
CHESTER	118	267.6	2	4.5	35	79.4	46	104.3	11	24.9
EASTON	67	256.7	1	3.8	18	69.0	19	72.8	8	30.7
ERIE	287	244.3	5	4.3	83	70.6	78	66.4	35	29.8
HARRISBURG	138	264.9	2	3.8	42	80.6	31	59.5	18	34.5
HAZLETON	90	344.8	1	3.8	24	92.0	23	88.1	13	49.8
JOHNSTOWN	128	386.7	1	3.0	38	114.8	34	102.7	11	33.2
LANCASTER	131	232.7	2	3.6	31	55.1	38	67.5	16	28.4
LEBANON	66	251.0	0	-	12	45.6	22	83.7	5	19.0
MCKEESPORT	100	346.0	1	3.5	29	100.3	25	86.5	14	48.4
MONROEVILLE	59	193.4	0	-	17	55.7	12	39.3	7	23.0
NEW CASTLE	96	299.1	1	3.1	20	62.3	32	99.7	7	21.8
NORRISTOWN	94	273.3	5	14.5	27	78.5	21	61.0	11	32.0
PHILADELPHIA	4,468	271.3	87	5.3	1,210	73.5	1,244	75.5	482	29.3
PITTSBURGH	1,300	322.9	20	5.0	346	85.9	358	88.9	138	34.3
PLUM	39	154.2	0	-	9	35.6	14	55.3	6	23.7
READING	203	258.9	1	1.3	61	77.8	68	86.7	10	12.8
SCRANTON	286	341.7	3	3.6	89	106.3	65	77.7	33	39.4
SHARON	41	241.2	0	-	13	76.5	5	29.4	6	35.3
STATE COLLEGE	32	92.8	0	-	3	8.7	9	26.1	1	2.9
WEST MIFFLIN	67	263.8	3	11.8	21	82.7	16	63.0	10	39.4
WILKES BARRE	185	375.3	2	4.1	61	123.7	42	85.2	20	40.6
WILLIAMSPORT	95	294.1	2	6.2	28	86.7	24	74.3	8	24.8
YORK	111	250.0	4	9.0	29	65.3	32	72.1	11	24.8

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

	MALIGNANT NEOPLASMS							
	GENITOURINARY SYSTEM		OTHER SITES		LEUKEMIA		OTHER LYMPHATIC, HEMATOPOIETIC	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	34	32.7	43	41.4	11	10.6	20	19.2
ALTOONA	14	25.6	10	18.3	6	11.0	7	12.8
BETHEL PARK	5	14.5	7	20.3	2	5.8	5	14.5
BETHLEHEM	23	32.9	27	38.6	7	10.0	9	12.9
CHESTER	12	27.2	6	13.6	3	6.8	3	6.8
EASTON	7	26.8	6	23.0	4	15.3	4	15.3
ERIE	38	32.3	18	15.3	13	11.1	17	14.5
HARRISBURG	11	21.1	12	23.0	8	15.4	14	26.9
HAZLETON	15	57.5	7	26.8	2	7.7	5	19.2
JOHNSTOWN	19	57.4	11	33.2	8	24.2	6	18.1
LANCASTER	16	28.4	16	28.4	5	8.9	7	12.4
LEBANON	13	49.4	7	26.6	4	15.2	3	11.4
MCKEESPORT	16	55.4	9	31.1	2	6.9	4	13.8
MONROEVILLE	13	42.6	6	19.7	0	-	4	13.1
NEW CASTLE	22	68.5	7	21.8	2	6.2	5	15.6
NORRISTOWN	13	37.8	9	26.2	4	11.6	4	11.6
PHILADELPHIA	606	36.8	489	29.7	121	7.3	229	13.9
PITTSBURGH	180	44.7	156	38.7	43	10.7	59	14.7
PLUM	5	19.8	3	11.9	1	4.0	1	4.0
READING	24	30.6	25	31.9	8	10.2	6	7.7
SCRANTON	49	58.5	35	41.8	6	7.2	6	7.2
SHARON	6	35.3	2	11.8	4	23.5	5	29.4
STATE COLLEGE	7	20.3	8	23.2	2	5.8	2	5.8
WEST MIFFLIN	6	23.6	7	27.6	2	7.9	2	7.9
WILKES BARRE	28	56.8	20	40.6	4	8.1	8	16.2
WILLIAMSPORT	15	46.4	9	27.9	2	6.2	7	21.7
YORK	15	33.8	8	18.0	5	11.3	7	15.8

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

	CEPEBROVASCU-LAR DISEASE		CHRONIC OBSTRUCTIVE PULMONARY DIS.		PNEUMONIA & INFLUENZA		DIABETES MELLITUS		ACCIDENTS OTHER		ACCIDENTS MOTOR VEHICLE		SUICIDE	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	79	76.0	26	25.0	27	26.0	30	28 9	23	22.1	9	8.7	17	16.4
ALTOONA	44	80.6	34	62.3	18	33.0	18	33.0	12	22.0	10	18.3	7	12.8
BETHEL PARK	17	49.4	4	11.6	5	14.5	6	17.4	2	5.8	4	11.6	1	2.9
BETHLEHEM	56	80.0	20	28.6	16	22.9	15	21.4	7	10.0	12	17.1	12	17.1
CHESTER	46	104.3	27	61.2	15	34.0	11	24.9	6	13.6	6	13.6	5	11.3
EASTON	21	80.5	15	57.5	11	42.1	2	7.7	5	19.2	4	15.3	6	23.0
ERIE	137	116.6	40	34.0	33	28.1	28	23.8	22	18.7	15	12.8	13	11.1
HARRISBURG	60	115.2	17	32.6	18	34.5	15	28.8	20	38.4	13	25.0	4	7.7
HAZLETON	46	176.2	10	38.3	13	49.8	10	38.3	8	30.7	0	-	1	3.8
JOHNSTOWN	36	108.8	17	51.4	7	21.1	27	81.6	13	39.3	4	12.1	7	21.1
LANCASTER	34	60.4	25	44.4	14	24.9	16	28.4	11	19.5	2	3.6	4	7.1
LEBANON	22	83.7	20	76.0	4	15.2	13	49.4	2	7.6	3	11.4	5	19.0
MCKEESPORT	28	96.9	11	38.1	13	45.0	13	45.0	6	20.8	3	10.4	8	27.7
MONROEVILLE	16	52.5	15	49.2	4	13.1	10	32.8	3	9.8	2	6.6	2	6.6
NEW CASTLE	40	124.6	18	56.1	15	46.7	9	28.0	7	21.8	9	28.0	2	6.2
NORRISTOWN	33	95.9	13	37.8	3	8.7	12	34.9	6	17.4	7	20.3	3	8.7
PHILADELPHIA	1,228	74.6	468	28.4	495	30.1	331	20.1	477	29.0	147	8.9	207	12.6
PITTSBURGH	352	87.4	150	37.3	127	31.5	99	24.6	103	25.6	55	13.7	54	13.4
PLUM	2	7.9	5	19.8	3	11.9	2	7.9	2	7.9	5	19.8	3	11.9
READING	65	82.9	27	34.4	25	31.9	16	20.4	19	24.2	20	25.5	11	14.0
SCRANTON	82	98.0	39	46.6	25	29.9	29	34.6	16	19.1	16	19.1	12	14.3
SHARON	13	76.5	11	64.7	5	29.4	6	35.3	5	29.4	2	11.8	4	23 5
STATE COLLEGE	10	29.0	4	11.6	3	8.7	4	11.6	0	-	2	5.8	2	5.8
WEST MIFFLIN	20	78.7	7	27.6	2	7.9	5	19.7	3	11.8	4	15.7	4	15.7
WILKES BARRE	53	107.5	24	48.7	11	22.3	17	34.5	11	22.3	9	18.3	8	16.2
WILLIAMSPORT	24	74.3	21	65.0	4	12.4	11	34.1	9	27.9	6	18.6	5	15.5
YORK	30	67.6	22	49.5	5	11.3	6	13.5	12	27.0	8	18.0	12	27.0

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

	NEPHRITIS AND NEPHROSIS		SEPTICEMIA		ATHERO-SCLEROSIS		LIVER DISEASE AND CIRRHOSIS		AORTIC ANEURYSM		PERINATAL CONDITIONS		PNEUMOCONIOSIS	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	12	11.5	5	4.8	16	15.4	10	9.6	7	6.7	9	8.7	0	-
ALTOONA	6	11.0	5	9.2	12	22.0	5	9.2	10	18.3	4	7.3	1	1.8
BETHEL PARK	5	14.5	2	5.8	0	-	2	5.8	0	-	1	2.9	1	2.9
BETHLEHEM	7	10.0	4	5.7	16	22.9	3	4.3	2	2.9	6	8.6	0	-
CHESTER	11	24.9	16	36.3	4	9.1	8	18.1	1	2.3	12	27.2	1	2.3
EASTON	4	15.3	4	15.3	4	15.3	5	19.2	0	-	1	3.8	0	-
ERIE	11	9.4	20	17.0	12	10.2	17	14.5	14	11.9	13	11.1	0	-
HARRISBURG	11	21.1	10	19.2	5	9.6	8	15.4	1	1.9	12	23.0	0	-
HAZLETON	12	46.0	1	3.8	2	7.7	5	19.2	2	7.7	4	15.3	17	65.1
JOHNSTOWN	7	21.1	4	12.1	7	21.1	6	18.1	1	3.0	1	3.0	4	12.1
LANCASTER	10	17.8	8	14.2	10	17.8	7	12.4	4	7.1	6	10.7	0	-
LEBANON	4	15.2	2	7.6	1	3.8	5	19.0	3	11.4	2	7.6	0	-
MCKEESPORT	11	38.1	4	13.8	7	24.2	10	34.6	2	6.9	3	10.4	0	-
MONROEVILLE	7	23.0	2	6.6	1	3.3	0	-	5	16.4	3	9.8	0	-
NEW CASTLE	4	12.5	1	3.1	3	9.3	4	12.5	4	12.5	5	15.6	0	-
NORRISTOWN	1	2.9	6	17.4	2	5.8	9	26.2	3	8.7	5	14.5	1	2.9
PHILADELPHIA	299	18.2	435	26.4	146	8.9	223	13.5	107	6.5	211	12.8	12	0.7
PITTSBURGH	70	17.4	65	16.1	41	10.2	94	23.3	35	8.7	55	13.7	0	-
PLUM	1	4.0	0	-	2	7.9	2	7.9	3	11.9	1	4.0	1	4.0
READING	10	12.8	9	11.5	19	24.2	14	17.9	7	8.9	13	16.6	1	1.3
SCRANTON	16	19.1	13	15.5	13	15.5	19	22.7	9	10.8	13	15.5	12	14.3
SHARON	2	11.8	3	17.6	2	11.8	3	17.6	1	5.9	1	5.9	0	-
STATE COLLEGE	1	2.9	1	2.9	0	-	1	2.9	1	2.9	1	2.9	0	-
WEST MIFFLIN	1	3.9	2	7.9	2	7.9	3	11.8	3	11.8	3	11.8	0	-
WILKES BARRE	9	18.3	2	4.1	10	20.3	11	22.3	4	8.1	1	2.0	24	48.7
WILLIAMSPORT	4	12.4	4	12.4	2	6.2	3	9.3	2	6.2	3	9.3	0	-
YORK	9	20.3	4	9.0	9	20.3	5	11.3	5	11.3	5	11.3	1	2.3

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

	CONGENITAL ANOMALIES		HOMICIDE AND LEGAL INTERV		HYPERTENSION		BENIGN AND UNSPECIFIED NEOPLASMS		ULCERS OF STOMACH AND DUODENUM		HERNIA AND INTESTINAL OBSTRUCTION		PARKINSON'S DISEASE	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	8	7.7	6	5.8	8	7.7	6	5.8	0	-	3	2.9	2	1.9
ALTOONA	3	5.5	1	1.8	1	1.8	2	3.7	2	3.7	1	1.8	2	3.7
BETHEL PARK	2	5.8	0	-	1	2.9	0	-	2	5.8	1	2.9	0	-
BETHLEHEM	0	-	3	4.3	7	10.0	3	4.3	2	2.9	2	2.9	1	1.4
CHESTER	2	4.5	13	29.5	1	2.3	1	2.3	2	4.5	2	4.5	1	2.3
EASTON	1	3.8	1	3.8	3	11.5	1	3.8	1	3.8	0	-	0	-
ERIE	7	6.0	7	6.0	3	2.6	7	6.0	7	6.0	3	2.6	4	3.4
HARRISBURG	3	5.8	11	21.1	6	11.5	1	1.9	2	3.8	4	7.7	0	-
HAZLETON	1	3.8	0	-	3	11.5	1	3.8	1	3.8	1	3.8	1	3.8
JOHNSTOWN	1	3.0	1	3.0	4	12.1	3	9.1	3	9.1	0	-	2	6.0
LANCASTER	5	8.9	3	5.3	3	5.3	2	3.6	1	1.8	1	1.8	1	1.8
LEBANON	2	7.6	1	3.8	0	-	0	-	0	-	0	-	0	-
MCKEESPORT	2	6.9	1	3.5	3	10.4	1	3.5	1	3.5	0	-	0	-
MONROEVILLE	2	6.6	1	3.3	0	-	0	-	1	3.3	0	-	1	3.3
NEW CASTLE	3	9.3	1	3.1	1	3.1	3	9.3	1	3.1	1	3.1	4	12.5
NORRISTOWN	2	5.8	3	8.7	3	8.7	1	2.9	1	2.9	3	8.7	0	-
PHILADELPHIA	101	6.1	288	17.5	64	3.9	77	4.7	48	2.9	49	3.0	32	1.9
PITTSBURGH	21	5.2	48	11.9	22	5.5	17	4.2	15	3.7	10	2.5	11	2.7
PLUM	2	7.9	1	4.0	1	4.0	0	-	0	-	0	-	0	-
READING	5	6.4	5	6.4	3	3.8	4	5.1	3	3.8	2	2.6	2	2.6
SCRANTON	1	1.2	2	2.4	5	6.0	3	3.6	7	8.4	3	3.6	1	1.2
SHARON	3	17.6	1	5.9	1	5.9	1	5.9	5	29.4	1	5.9	0	-
STATE COLLEGE	0	-	0	-	1	2.9	3	8.7	0	-	0	-	0	-
WEST MIFFLIN	1	3.9	0	-	0	-	2	7.9	1	3.9	1	3.9	2	7.9
WILKES BARRE	3	6.1	2	4.1	1	2.0	4	8.1	0	-	5	10.1	0	-
WILLIAMSPORT	2	6.2	2	6.2	0	-	1	3.1	0	-	2	6.2	0	-
YORK	1	2.3	4	9.0	1	2.3	1	2.3	0	-	3	6.8	2	4.5

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

	ANEMIAS		NUTRITIONAL DEFICIENCIES		GALL BLADDER DISORDERS		DISEASES OF PANCREAS		VENOUS EMBOLISM & THROMBOSIS		ALCOHOLISM		EPILEPSY	
MUNICIPALITY	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	2	1.9	2	1.9	0	-	0	-	0	-	0	-	3	2.9
ALTOONA	1	1.8	1	1.8	2	3.7	0	-	2	3.7	2	3.7	1	1.8
BETHEL PARK	0	-	0	-	0	-	0	-	1	2.9	0	-	0	-
BETHLEHEM	0	-	0	-	1	1.4	1	1.4	1	1.4	1	1.4	0	-
CHESTER	1	2.3	0	-	1	2.3	0	-	2	4.5	3	6.8	0	-
EASTON	1	3.8	2	7.7	2	7.7	0	-	0	-	0	-	0	-
ERIE	5	4.3	3	2.6	3	2.6	0	-	3	2.6	2	1.7	0	-
HARRISBURG	2	3.8	0	-	2	3.8	2	3.8	0	-	1	1.9	1	1.9
HAZLETON	0	-	0	-	0	-	0	-	0	-	0	-	0	-
JOHNSTOWN	1	3.0	1	3.0	2	6.0	1	3.0	0	-	0	-	0	-
LANCASTER	0	-	1	1.8	0	-	0	-	0	-	0	-	1	1.8
LEBANON	0	-	0	-	0	-	1	3.8	1	3.8	0	-	0	-
MCKEESPORT	3	10.4	3	10.4	0	-	0	-	1	3.5	0	-	0	-
MONROEVILLE	0	-	0	-	0	-	0	-	0	-	0	-	0	-
NEW CASTLE	3	9.3	2	6.2	0	-	1	3.1	1	3.1	0	-	0	-
NORRISTOWN	1	2.9	1	2.9	0	-	2	5.8	0	-	2	5.8	0	-
PHILADELPHIA	51	3.1	35	2.1	16	1.0	21	1.3	15	0.9	39	2.4	14	0.9
PITTSBURGH	9	2.2	7	1.7	9	2.2	8	2.0	8	2.0	5	1.2	3	0.7
PLUM	1	4.0	0	-	0	-	0	-	0	-	0	-	1	4.0
READING	1	1.3	0	-	2	2.6	1	1.3	0	-	1	1.3	3	3.8
SCRANTON	0	-	3	3.6	1	1.2	2	2.4	0	-	0	-	0	-
SHARON	0	-	0	-	0	-	1	5.9	0	-	0	-	1	5.9
STATE COLLEGE	0	-	0	-	0	-	0	-	0	-	0	-	0	-
WEST MIFFLIN	1	3.9	1	3.9	0	-	1	3.9	0	-	1	3.9	0	-
WILKES BARRE	2	4.1	1	2.0	2	4.1	0	-	0	-	0	-	0	-
WILLIAMSPORT	4	12.4	1	3.1	0	-	0	-	0	-	0	-	1	3.1
YORK	2	4.5	1	2.3	0	-	0	-	0	-	1	2.3	1	2.3

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

(CONTINUED)

TABLE C-23 (CONTINUED)
SELECTED CAUSES OF DEATH BY SELECTED MUNICIPALITIES
NUMBER AND RATE: PENNSYLVANIA, 1984

MUNICIPALITY	TUBERCULOSIS		MULTIPLE SCLEROSIS		INFECTIONS OF KIDNEY		MENINGITIS		ALL OTHER CAUSES	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALLENTOWN	1	1.0	2	1.9	1	1.0	2	1.9	83	79.9
ALTOONA	1	1.8	2	3.7	1	1.8	0	-	47	86.1
BETHEL PARK	0	-	0	-	0	-	0	-	14	40.7
BETHLEHEM	0	-	0	-	1	1.4	1	1.4	58	82.9
CHESTER	0	-	0	-	1	2.3	0	-	59	133.8
EASTON	0	-	0	-	0	-	0	-	18	69.0
ERIE	0	-	3	2.6	1	0.9	0	-	110	93.6
HARRISBURG	1	1.9	0	-	0	-	0	-	33	63.3
HAZLETON	1	3.8	1	3.8	0	-	0	-	17	65.1
JOHNSTOWN	0	-	1	3.0	0	-	0	-	33	99.7
LANCASTER	1	1.8	0	-	0	-	0	-	50	88.8
LEBANON	0	-	0	-	0	-	0	-	16	60.8
MCKEESPORT	0	-	0	-	0	-	0	-	51	176.5
MONROEVILLE	0	-	0	-	0	-	0	-	22	72.1
NEW CASTLE	0	-	0	-	0	-	1	3.1	28	87.2
NORRISTOWN	1	2.9	0	-	0	-	1	2.9	41	119.2
PHILADELPHIA	27	1.6	7	0.4	11	0.7	14	0.9	3,155	191.6
PITTSBURGH	5	1.2	2	0.5	5	1.2	1	0.2	411	102.1
PLUM	0	-	1	4.0	0	-	0	-	9	35.6
READING	2	2.6	0	-	0	-	0	-	81	103.3
SCRANTON	4	4.8	3	3.6	0	-	3	3.6	67	80.0
SHARON	0	-	0	-	2	11.8	0	-	6	35.3
STATE COLLEGE	0	-	0	-	0	-	0	-	13	37.7
WEST MIFFLIN	0	-	1	3.9	0	-	0	-	22	86.6
WILKES BARRE	2	4.1	1	2.0	1	2.0	0	-	45	91.3
WILLIAMSPORT	0	-	0	-	0	-	0	-	18	55.7
YORK	2	4.5	0	-	0	-	0	-	51	114.9

* RATE PER 100,000 ESTIMATED 1984 POPULATION FOR EACH MUNICIPALITY.

NOTE: SEE TECHNICAL NOTES FOR CRITERIA USED IN MUNICIPALITY SELECTION.

Multiple Cause of Death Statistics

1984 MULTIPLE CAUSES OF DEATH STATISTICS

****
HIGHLIGHTS
****

Traditionally, mortality statistics have been based on a tabulation of deaths with one underlying cause assigned for each death. The section on mortality statistics in this report uses this measurement, exclusively. However, the medical certifier is required to report on a death certificate the immediate cause of death, the antecedent conditions which gave rise to the immediate cause, the underlying cause, and any other significant conditions contributing to death that are not related to any previously stated causes on the certificate. In the last few years, an ever increasing demand for more comprehensive mortality data coupled with advances in computer technology resulted in the development of the Automated Classification of Medical Entities (ACME) system by the National Center for Health Statistics.

The principal objective of this system is to provide full medical information from death certificates by assigning the traditional underlying cause as well as tabulating multiple causes from all medical conditions listed on the certificate by the certifier through automated application of the international recognized classification of diseases. The result is multiple cause data available on computer tape through a programming system made available by the National Center for Health Statistics. Pennsylvania has such a system and the State Health Data Center has begun accessing these files and producing some very interesting and, hopefully, more valuable nosologic information. In the past, only one table has been included in this section - Resident Deaths by Underlying Cause and Selected Conditions Mentioned on Death Certificate. However, this section has now been expanded to include another table - Resident Deaths by Injury or Poisoning Conditions Mentioned on Death Certificate and Major Underlying External Cause.

Resident Deaths by Underlying Cause and Selected Conditions Mentioned on Death Certificate

Of the 121,358 death certificates filed for Pennsylvania residents in 1984, there were 141,221 medical conditions other than underlying cause mentioned. This is an increase of 3 percent from the 1983 figure of 137,061. Nineteen percent of the conditions mentioned were attributed to heart disease, 5.8 percent to diabetes mellitus, 5.2 percent to cerebrovascular disease, 4.7 percent to chronic obstructive pulmonary disease and 4.2 percent to accidents other than motor vehicle. Conditions least mentioned on death certificates included suicide, homicide and motor vehicle accidents with only 8, 9 and 33 mentions, respectively.

Almost half of the 44,839 conditions mentioned for deaths due to heart disease were divided among six categories -- diabetes mellitus (11.0 percent), cerebrovascular disease (10.0 percent), chronic obstructive pulmonary disease (7.3 percent), hypertension (6.5 percent), atherosclerosis (6.2 percent), and malignant neoplasms (5.0 percent).

Heart disease accounted for 29 percent of the conditions mentioned for deaths whose underlying cause was malignant neoplasms. Chronic obstructive pulmonary disease and pneumonia/influenza appeared among 5.5 percent and 4.7 percent, respectively, of the other conditions mentioned.

Three conditions - heart disease, nephritis/nephrosis, and congenital anomalies - appeared in over 46 percent of those mentioned for deaths due to perinatal conditions.

Resident Deaths by Injury or Poisoning Conditions Mentioned on Death Certificate and Major Underlying External Cause

Almost 18 percent of the nature of injury and poisoning mentions for underlying external causes were intracranial injuries (excluding skull fractures). The next highest types of mentions were open head wounds at 8.4 percent and internal chest injuries at 7.3 percent.

Intracranial injuries (excluding skull fractures) had the highest number of mentions among motor vehicle and other accident deaths. Open head wounds had the most mentions for suicides; open chest wounds, for homicides; and, poisoning by drugs, medicaments and biological substances, for deaths due to injuries undetermined as accidental or purposely inflicted.

Among the major underlying external causes, over 73 percent of the mentions of asphyxiation and strangulation occurred to suicide deaths while over 62 percent of the mentions of neck/trunk fractures and 68 percent of the mentions of skull fractures were to motor vehicle accident deaths.

There were no deaths attributed to homicides or motor vehicle accidents that mentioned poisoning by drugs, medicaments and biological substances. Also, no mentions were made of surgical and medical care complications for deaths that were due to injuries undetermined as accidental or purposely inflicted.

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LIST OF DATA TABLES AND ILLUSTRATIONS
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MULTIPLE CAUSES OF DEATH TABLES

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TABLE D-1
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1984

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE								
	HEART DISEASE	MALIGNANT NEOPLASMS	CEREBRO-VASCULAR DISEASE	CHRONIC OBSTRUC. PULMONARY DISEASE	PNEUMONIA & INFLUENZA	DIABETES MELLITUS	ACCIDENTS OTHER	ACCIDENTS MOTOR VEHICLE	SUICIDE
HEART DISEASE	48,641	2,238	4,465	3,294	1,636	4,927	1,112	19	3
MALIGNANT NEOPLASMS	8,233	27,468	695	1,551	1,346	1,037	484	0	3
CEREBROVASCULAR DISEASE	3,259	299	8,334	303	554	835	222	3	0
CHRONIC OBSTRUCT. PULMONARY DIS.	2,083	257	170	3,685	559	138	88	0	0
PNEUMONIA & INFLUENZA	1,433	223	315	245	2,884	177	64	1	0
DIABETES MELLITUS	1,920	92	455	69	101	2,521	47	0	0
NON-MOTOR VEHICLE ACCIDENTS	639	62	98	62	75	51	2,336	1	0
MOTOR VEHICLE ACCIDENTS	105	2	7	9	5	1	1,375	1,842	0
SUICIDE	52	15	4	7	3	2	831	0	1,408
NEPHRITIS, NEPHROSIS, ETC.	908	78	96	58	93	95	37	0	0
SEPTICEMIA	746	83	122	47	93	109	31	1	0
ATHEROSCLEROSIS	804	67	0	68	119	77	48	0	0
LIVER DISEASE & CIRRHOSIS	388	50	14	65	61	72	29	3	0
AORTIC ANEURYSM	427	28	29	66	13	23	101	0	0
PERINATAL CONDITIONS	32	0	2	0	5	0	6	0	0
PNEUMOCONIOSIS	396	74	35	270	52	30	10	0	0
CONGENITAL ANOMALIES	173	5	30	6	15	2	41	0	0
HOMICIDE & LEGAL INTERVENTION	15	0	2	1	2	0	547	0	0
HYPERTENSION	262	22	24	16	19	46	11	0	0
BENIGN/UNSPECIFIED NEOPLASMS	170	19	43	23	27	23	38	0	0
ULCERS OF STOMACH/DUODENUM	139	31	15	24	18	17	33	0	0
HERNIA/INTESTINAL OBSTRUCTION	166	13	10	21	18	19	56	0	0
PARKINSONS DISEASE	130	6	22	5	40	12	14	0	0
ANEMIAS	119	11	18	2	21	11	4	0	0
NUTRITIONAL DEFICIENCIES	79	0	17	7	30	4	13	0	0
GALL BLADDER DISORDERS	66	8	6	11	6	18	40	0	0
DISEASES OF PANCREAS	52	9	4	4	4	4	8	0	0
VENOUS EMBOLISM & THROMBOSIS	106	18	14	5	6	9	8	1	0
ALCOHOLISM	37	3	5	5	10	2	5	0	0
EPILEPSY	42	1	4	6	5	2	14	0	0
TUBERCULOSIS	35	4	4	15	8	5	5	0	0
MULTIPLE SCLEROSIS	26	2	7	1	11	1	7	0	0
INFECTIONS OF KIDNEY	27	2	3	2	7	5	2	0	0
MENINGITIS	18	0	3	2	3	3	0	0	0
ALL OTHER CAUSES	3,736	393	574	375	602	421	591	4	2

(CONTINUED)

TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1984

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE						
	NEPHRITIS & NEPHRITIS	SEPTICEMIA	ATHERO-SCLEROSIS	LIVER DISEASE & CIRRHOSIS	AORTIC ANEURYSM	PERINATAL CONDITIONS	PNEUMO-CONIOSIS
HEART DISEASE	1,861	635	2,795	295	251	7	525
MALIGNANT NEOPLASMS	1,078	1,066	272	151	44	0	278
CEREBROVASCULAR DISEASE	202	247	1,271	35	21	4	56
CHRONIC OBSTRUCT. PULMONARY DIS.	137	118	108	36	15	0	84
PNEUMONIA & INFLUENZA	219	365	148	30	5	P	20
DIABETES MELLITUS	346	160	216	17	4	0	12
NON-MOTOR VEHICLE ACCIDENTS	77	98	36	26	4	1	8
MOTOR VEHICLE ACCIDENTS	8	10	2	6	0	0	3
SUICIDE	1	3	1	3	0	0	4
NEPHRITIS, NEPHROSIS, ETC.	1,406	121	46	14	11	3	7
SEPTICEMIA	226	1,327	26	22	7	0	7
ATHEROSCLEROSIS	132	42	1,316	3	17	0	7
LIVER DISEASE & CIRRHOSIS	151	71	11	1,290	1	0	15
AORTIC ANEURYSM	69	24	20	1	926	1	10
PERINATAL CONDITIONS	18	4	0	0	0	859	0
PNEUMOCONIOSIS	23	6	20	11	2	0	636
CONGENITAL ANOMALIES	33	9	7	1	4	199	1
HOMICIDE & LEGAL INTERVENTION	1	2	0	1	0	0	2
HYPERTENSION	16	12	106	1	10	0	2
BENIGN/UNSPECIFIED NEOPLASMS	14	24	5	2	2	2	3
ULCERS OF STOMACH/DUODENUM	45	38	7	13	1	0	2
HERNIA/INTESTINAL OBSTRUCTION	31	53	10	3	3	4	1
PARKINSONS DISEASE	6	22	10	1	1	0	0
ANEMIAS	23	34	1	5	1	0	0
NUTRITIONAL DEFICIENCIES	7	21	6	0	0	0	0
GALL BLADDER DISORDERS	28	45	8	8	1	0	4
DISEASES OF PANCREAS	26	24	6	8	1	0	1
VENOUS EMBOLISM & THROMBOSIS	6	5	3	1	0	1	2
ALCOHOLISM	6	9	0	0	0	0	0
EPILEPSY	6	4	2	1	0	0	2
TUBERCULOSIS	2	8	0	3	0	0	8
MULTIPLE SCLEROSIS	4	3	0	0	0	0	0
INFECTIONS OF KIDNEY	18	28	3	1	0	0	0
MENINGITIS	0	9	1	0	0	1	1
ALL OTHER CAUSES	694	1,233	283	102	38	23	31

(CONTINUED)

TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1984

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE						
	CONGENITAL ANOMALIES	HOMICIDE AND LEGAL INTERVENTION	HYPER-TENSION	BENIGN AND UNSPECIFIED NEOPLASMS	ULCERS OF STOMACH AND DUODENUM	HERNIA AND INTESTINAL OBSTRUCTION	PARKINSON'S DISEASE
HEART DISEASE	83	3	2,923	167	262	236	404
MALIGNANT NEOPLASMS	13	2	482	63	122	342	51
CEREBROVASCULAR DISEASE	15	0	1,128	45	30	27	102
CHRONIC OBSTRUCT. PULMONARY DIS.	4	0	83	14	45	27	26
PNEUMONIA & INFLUENZA	13	0	49	19	22	17	50
DIABETES MELLITUS	2	0	241	2	14	11	22
NON-MOTOR VEHICLE ACCIDENTS	12	0	26	2	18	7	11
MOTOR VEHICLE ACCIDENTS	0	0	1	0	1	0	0
SUICIDE	1	1	3	1	1	0	0
NEPHRITIS, NEPHROSIS, ETC.	5	0	12	1	23	16	6
SEPTICEMIA	9	0	26	9	12	18	11
ATHEROSCLEROSIS	1	0	0	5	11	13	18
LIVER DISEASE & CIRRHOSIS	0	1	23	3	25	4	1
AORTIC ANEURYSM	4	0	69	2	7	4	2
PERINATAL CONDITIONS	34	1	0	1	0	3	0
PNEUMOCONIOSIS	1	0	12	5	8	4	4
CONGENITAL ANOMALIES	587	0	9	1	1	5	0
HOMICIDE & LEGAL INTERVENTION	0	580	0	0	0	0	0
HYPERTENSION	0	0	445	0	1	3	6
BENIGN/UNSPECIFIED NEOPLASMS	3	0	15	433	0	3	1
ULCERS OF STOMACH/DUODENUM	0	0	8	1	314	2	0
HERNIA/INTESTINAL OBSTRUCTION	1	0	5	5	4	312	2
PARKINSONS DISEASE	0	0	6	1	1	4	277
ANEMIAS	1	1	4	3	4	0	0
NUTRITIONAL DEFICIENCIES	1	0	1	2	0	1	1
GALL BLADDER DISORDERS	0	0	8	1	2	5	1
DISEASES OF PANCREAS	5	0	5	0	3	2	0
VENOUS EMBOLISM & THROMBOSIS	2	0	4	1	1	2	1
ALCOHOLISM	0	0	2	0	2	1	0
EPILEPSY	4	0	1	1	0	0	1
TUBERCULOSIS	1	0	4	0	2	0	0
MULTIPLE SCLEROSIS	0	0	1	1	0	1	0
INFECTIONS OF KIDNEY	1	0	3	1	1	0	0
MENINGITIS	3	0	0	0	0	0	0
ALL OTHER CAUSES	30	0	182	23	85	70	70

(CONTINUED)

TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1984

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE						
	ANEMIAS	NUTRITIONAL DEFICIENCIES	GALL BLADDER DISORDERS	DISEASES OF PANCREAS	VENOUS EMBOLISM & THROMBOSIS	ALCOHOLISM	EPILEPSY
HEART DISEASE	644	277	166	59	57	83	45
MALIGNANT NEOPLASMS	773	530	33	22	102	21	13
CEREBROVASCULAR DISEASE	83	83	17	9	18	15	16
CHRONIC OBSTRUCT. PULMONARY DIS.	41	75	11	6	9	14	10
PNEUMONIA & INFLUENZA	66	49	13	3	1	5	3
DIABETES MELLITUS	37	23	7	6	3	1	3
NON-MOTOR VEHICLE ACCIDENTS	17	14	3	0	7	16	0
MOTOR VEHICLE ACCIDENTS	0	0	0	1	4	2	1
SUICIDE	0	0	0	1	0	5	1
NEPHRITIS, NEPHROSIS, ETC.	48	15	3	4	4	1	1
SEPTICEMIA	23	25	9	4	2	5	2
ATHEROSCLEROSIS	25	26	3	2	2	1	0
LIVER DISEASE & CIRRHOSIS	37	3	11	15	8	27	1
AORTIC ANEURYSM	7	1	4	1	1	1	0
PERINATAL CONDITIONS	0	1	1	0	2	0	1
PNEUMOCONIOSIS	6	5	3	1	1	1	0
CONGENITAL ANOMALIES	7	2	2	0	1	1	1
HOMICIDE & LEGAL INTERVENTION	0	0	0	0	0	0	0
HYPERTENSION	12	6	3	2	0	0	0
BENIGN/UNSPECIFIED NEOPLASMS	13	14	1	0	0	0	2
ULCERS OF STOMACH/DUODENUM	3	6	4	4	0	2	1
HERNIA/INTESTINAL OBSTRUCTION	8	10	1	0	0	0	0
PARKINSONS DISEASE	6	10	0	0	0	0	0
ANEMIAS	220	4	0	0	0	1	0
NUTRITIONAL DEFICIENCIES	6	163	1	0	0	0	0
GALL BLADDER DISORDERS	4	2	148	18	0	1	0
DISEASES OF PANCREAS	3	1	4	124	1	1	0
VENOUS EMBOLISM & THROMBOSIS	2	0	1	1	117	0	0
ALCOHOLISM	2	7	0	8	0	105	0
EPILEPSY	2	2	0	0	0	1	92
TUBERCULOSIS	1	4	0	0	0	2	0
MULTIPLE SCLEROSIS	0	1	1	0	0	0	0
INFECTIONS OF KIDNEY	1	1	0	0	0	0	0
MENINGITIS	0	0	0	0	0	0	0
ALL OTHER CAUSES	204	209	33	29	28	41	18

(CONTINUED)

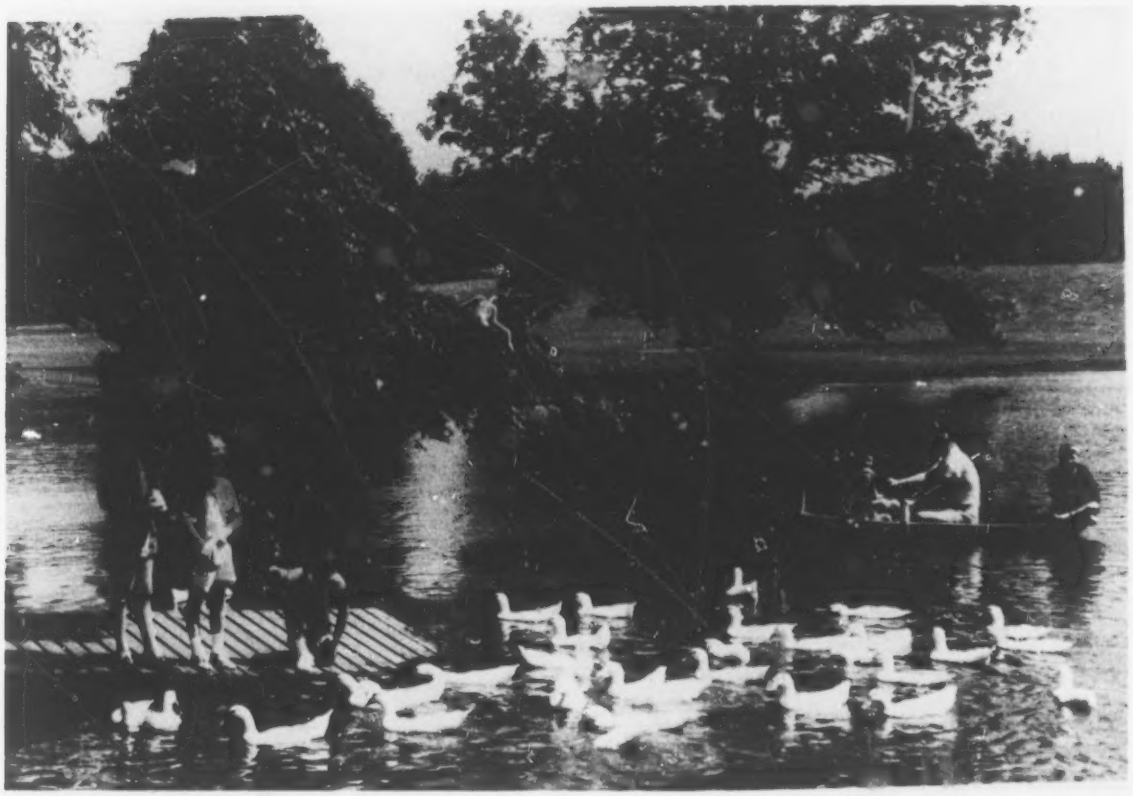
TABLE D-1 (CONTINUED)
RESIDENT DEATHS BY UNDERLYING CAUSE AND
SELECTED CONDITIONS MENTIONED ON DEATH CERTIFICATE
PENNSYLVANIA, 1984

UNDERLYING CAUSE OF DEATH	CONDITIONS MENTIONED ON DEATH CERTIFICATE				
	TUBER-CULOSIS	MULTIPLE SCLEROSIS	INFECTIONS OF KIDNEY	MENINGITIS	ALL OTHER MENTIONS
HEART DISEASE	29	21	39	8	15,270
MALIGNANT NEOPLASMS	18	10	20	39	9,517
CEREBROVASCULAR DISEASE	8	2	8	4	3,249
CHRONIC OBSTRUCT. PULMONARY DIS.	9	0	3	0	2,407
PNEUMONIA & INFLUENZA	7	7	6	3	1,688
DIABETES MELLITUS	0	2	8	1	815
NON-MOTOR VEHICLE ACCIDENTS	3	2	4	0	2,360
MOTOR VEHICLE ACCIDENTS	0	0	0	0	1,858
SUICIDE	0	0	0	0	1,397
NEPHRITIS, NEPHROSIS, ETC.	0	2	1	0	742
SEPTICEMIA	1	1	0	12	843
ATHEROSCLEROSIS	0	0	0	2	579
LIVER DISEASE & CIRRHOSIS	2	0	3	0	1,074
AORTIC ANEURYSM	1	0	1	0	411
PERINATAL CONDITIONS	0	0	0	3	68
PNEUMOCONIOSIS	0	0	3	0	332
CONGENITAL ANOMALIES	1	0	0	1	184
HOMICIDE & LEGAL INTERVENTION	0	0	0	0	585
HYPERTENSION	0	0	2	0	180
BENIGN/UNSPECIFIED NEOPLASMS	0	0	0	1	242
ULCERS OF STOMACH/DUODENUM	0	1	1	0	213
HERNIA/INTESTINAL OBSTRUCTION	0	0	1	0	226
PARKINSONS DISEASE	0	0	2	1	165
ANEMIAS	0	0	0	0	122
NUTRITIONAL DEFICIENCIES	0	0	0	0	137
GALL BLADDER DISORDERS	0	0	0	0	109
DISEASES OF PANCREAS	1	1	2	0	78
VENOUS EMBOLISM & THROMBOSIS	0	0	1	0	58
ALCOHOLISM	0	0	0	0	63
EPILEPSY	0	0	0	0	63
TUBERCULOSIS	86	0	0	1	59
MULTIPLE SCLEROSIS	0	76	0	0	49
INFECTIONS OF KIDNEY	0	0	63	0	34
MENINGITIS	0	0	0	52	22
ALL OTHER CAUSES	13	22	17	8	10,341

TABLE D-2
RESIDENT DEATHS BY INJURY OR POISONING CONDITIONS MENTIONED ON DEATH CERTIFICATE AND MAJOR UNDERLYING EXTERNAL CAUSE, PENNSYLVANIA, 1984

NATURE OF INJURY OR POISONING CONDITIONS MENTIONED ON DEATH CERTIFICATE	TOTAL UNDERLYING CAUSES	MAJOR UNDERLYIN EXTERNAL CAUSE				
		A C C I D E N T S		SUICIDE	HOMICIDE	INJURY UNDETERMINED AS ACCIDENTAL OR PURPOSELY INFLICTED
		MOTOR VEHICLE	OTHER			
TOTAL	8,513	2,747	2,878	1,732	926	230
INTRACRANIAL INJURY (EXCLUDES SKULL FRACTURE)	1,514	838	427	131	85	33
OPEN WOUND OF HEAD	719	21	23	518	147	10
INTERNAL INJURY OF CHEST	624	410	108	40	58	8
OPEN WOUND OF OTHER AND UNSPECIFIED SITES (EXCLUDES OPEN WOUND OF HEAD & CHEST)	597	36	38	226	291	6
FRACTURE OF LIMB	466	142	316	7	1	0
FRACTURE OF SKULL	432	294	112	12	11	3
INTERNAL INJURY OF OTHER AND UNSPECIFIED ORGANS (EXCLUDES INTERNAL INJURY OF CHEST)	431	310	65	25	24	7
POISONING BY DRUGS, MEDICAMENTS AND BIOLOGICAL SUBSTANCES	361	0	165	122	0	74
FRACTURE OF NECK AND TRUNK	341	214	115	6	5	1
OPEN WOUND OF CHEST	323	1	12	139	167	4
ASPHYXIATION AND STRANGULATION	321	6	40	235	34	6
TOXIC EFFECT OF CARBON MONOXIDE	288	9	125	139	4	11
TOXIC EFFECTS OF NONMEDICINAL SUBSTANCES	286	7	211	35	14	19
FOREIGN BODY IN PHARYNX AND LARYNX	247	8	232	4	3	0
DROWNING AND NONFATAL SUBMERSION	244	15	169	34	4	22
BURNS	239	40	172	8	13	6
COMPLICATIONS OF SURGICAL AND MEDICAL CARE	234	7	222	2	3	0
TRAUMATIC SHOCK	190	114	35	29	10	2
INJURY TO BLOOD VESSELS	180	115	27	7	27	4
ALL OTHER CONDITIONS	476	160	264	13	25	14

NOTE: SEE TECHNICAL NOTES SECTION OF THIS PUBLICATION FOR LISTING OF SPECIFIC NATURE OF INJURY AND POISONING ICD CODES ACCORDING TO THE ABOVE GROUPS.



Marriage and Divorce Statistics

1984 MARRIAGE AND DIVORCE STATISTICS

****
HIGHLIGHTS
****

MARRIAGES

In 1984, the number of marriages occurring in Pennsylvania was 91,610, a slight decrease compared to the 92,095 in 1983. The rate was 7.7 per 1,000 population, the same as recorded in 1983. Pennsylvania's rate has consistently been lower than that recorded for the United States.

The largest proportion of brides continued to be in the age group 20-24 - over 39 percent of all marriages. Since 1970, the number of marriages for women under 20 years of age has decreased by 58 percent while the number for women 25-44 years of age has increased by 129 percent.

Age at marriage for grooms followed a pattern similar to that of the brides, with the numbers and rates rising over the years for those 25 years and over and decreasing for those under 25 years of age. Approximately two-thirds of the grooms were aged 20-29 for almost every year from 1970 to 1984.

The 1984 marriage rate for brides under 20 years of age was more than twice that for the grooms. However, for the age group 50 and older, the grooms' marriage rate is 112 percent higher than the brides' rate.

Age 20-24 was the most common age group for first marriages for both women and men. For brides 30 years of age and over, there were nearly three times as many remarriages than first marriages and, for grooms in the same age group, there were twice as many remarriages than first marriages.

For persons previously widowed, 63.4 percent of the women and 82.0 percent of the men were age 50 and over at the time of their remarriage. Among those previously divorced, the highest number of remarriages occurred in the age group 30-34 for both men and women.

For 73.8 percent of the brides and 71.8 percent of the grooms, the marriage occurring in Pennsylvania was a first marriage. Approximately 3 percent of the women and the men had had two or more prior marriages.

In 21 percent of all marriages, both the bride and groom were in the age group 20-24. The second most common combination was the bride 20-24 and the groom 25-29 - 13.3 percent of all marriages.

Nearly all of the brides (94.2 percent) and grooms (89.9 percent) that were married in Pennsylvania in 1984 were residents of Pennsylvania.

June was the most popular month for marriages in 1984 with 12,789 marriages occurring in Pennsylvania. September and May were the next favorite months with 11,871 and 10,009, respectively. The least popular month was January when only 3,344 marriages took place.

Allegheny County had the highest number of marriages - 10,541. However, the highest marriage rate per 1,000 population occurred in Sullivan County at 12.1. Other high rates occurred in Lawrence County (11.0), Jefferson County (10.2) and Tioga County (10.0). Although Philadelphia County had the second highest number of marriages - 10,124, it had the distinction of having one of the lowest marriage rates in the State in 1984 - 6.1. The lowest rates occurred in Fulton and Franklin Counties at 5.7 and 5.8, respectively.

DIVORCES

In 1984, the number of divorces and annulments occurring in Pennsylvania was 40,375 - which represents a slight increase compared to the 1983 figure of 40,150. The rate was 3.4 per 1,000 population, the same as for 1983 which is the second highest rate ever recorded. The number of divorces occurring in Pennsylvania during 1984 was also the second highest ever recorded. Pennsylvania's divorce rate, however, has been consistently lower than the rate for the United States over the years 1950-1984.

Over 52 percent of all divorces and annulments occurred in marriages of nine years duration or less. Marriages of four and five years duration had the highest numbers of divorces and annulments. Sixteen percent of the divorces and annulments occurred in marriages of 20 years duration or longer.

The highest number of divorces and annulments occurred in Philadelphia County - 4,943. However, the highest divorce rate per 1,000 population occurred in Cameron County with a uniquely high rate of 685.5. The next highest rate of 4.1 occurred in Greene County. Sullivan County had the lowest divorce rate in the state in 1984 - 1.8.

NOTE: Caution is advised when analyzing marriage and divorce statistics which are based on the number of events occurring in a county and may or may not reflect the county of residence of either party. See the "Reliability of Rates" section of the Technical Notes in the back of this report for more discussion of these rates.

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TABLE E-1
MARRIAGES, NUMBER AND RATE: PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1984

YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE*	YEAR	UNITED STATES NUMBER	UNITED STATES RATE*
1984	91,610	7.7	1984**	2,487,000	10.5
1983	92,095	7.7	1983**	2,444,000	10.5
1982	93,350	7.9	1982**	2,495,000	10.8
1981	92,644	7.8	1981	2,438,000	10.6
1980	93,673	7.9	1980	2,390,252	10.6
1979	93,677	7.9	1979	2,331,337	10.4
1978	92,682	7.9	1978	2,282,272	10.3
1977	90,842	7.7	1977	2,178,367	9.9
1976	90,442	7.6	1976	2,154,807	9.9
1975	91,665	7.7	1975	2,152,662	10.0
1974	96,663	8.2	1974	2,229,667	10.5
1973	101,076	8.5	1973	2,284,108	10.8
1972	98,496	8.3	1972	2,282,154	10.9
1971	94,663	8.0	1971	2,190,481	10.6
1970	94,516	8.0	1970	2,158,802	10.6
1969	94,861	8.0	1969	2,145,000	10.6
1968	91,947	7.8	1968	2,069,000	10.4
1967	85,508	7.3	1967	1,927,000	9.7
1966	81,337	7.0	1966	1,857,000	9.5
1965	80,187	7.0	1965	1,800,000	9.3
1964	76,660	6.7	1964	1,725,000	9.0
1963	72,024	6.3	1963	1,654,000	8.8
1962	68,916	6.1	1962	1,577,000	8.5
1961	69,617	6.1	1961	1,548,000	8.5
1960	71,835	6.3	1960	1,523,000	8.5
1959	71,719	6.3	1959	1,494,000	8.5
1958	67,203	6.1	1958	1,451,000	8.4
1957	75,208	6.7	1957	1,518,000	8.9
1956	77,682	7.0	1956	1,585,000	9.5
1955	77,543	7.0	1955	1,531,000	9.3
1954	72,934	6.7	1954	1,490,000	9.2
1953	80,316	7.4	1953	1,546,000	9.8
1952	78,946	7.4	1952	1,539,318	9.9
1951	84,878	8.0	1951	1,594,694	10.4
1950	89,669	8.5	1950	1,667,231	11.1

*RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

FIGURE E-1
MARRIAGE RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984

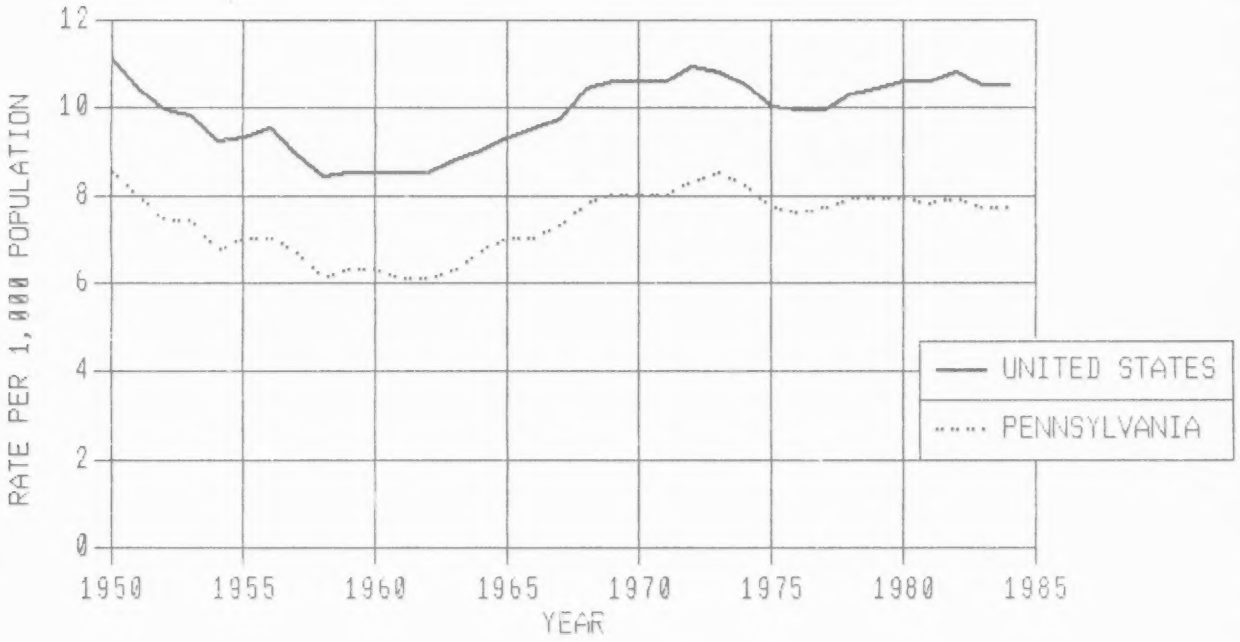


TABLE E-2
MARRIAGES BY AGE OF BRIDE, NUMBER AND RATE:
PENNSYLVANIA OCCURRENCES, 1984, 1980, 1975, AND 1970

AGE OF BRIDE (IN YEARS)	1984		1980		1975		1970	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AGES	91,610	14.8	93,673	15.2	91,665	14.9	94,516	20.7
UNDER 20	9,386	20.0	14,330	26.8	21,207	37.4	22,323	41.5
20-24**	35,838	69.7	41,886	78.0	41,769	78.7	48,631	106.4
25-29	22,883	44.8	19,150	40.2	13,597	30.1	10,265	28.3
30-34	10,297	22.2	7,813	18.1	5,076	14.2	3,568	11.3
35-39	5,318	12.9	3,640	10.4	2,681	8.6	2,174	6.7
40-44	2,811	8.3	2,095	6.8	1,860	5.8	2,021	5.2
45-49	1,730	5.7	1,426	4.6	1,717	4.6	1,714	4.2
50 & OVER	3,347	1.7	3,333	1.7	3,758	2.0	3,820	2.1

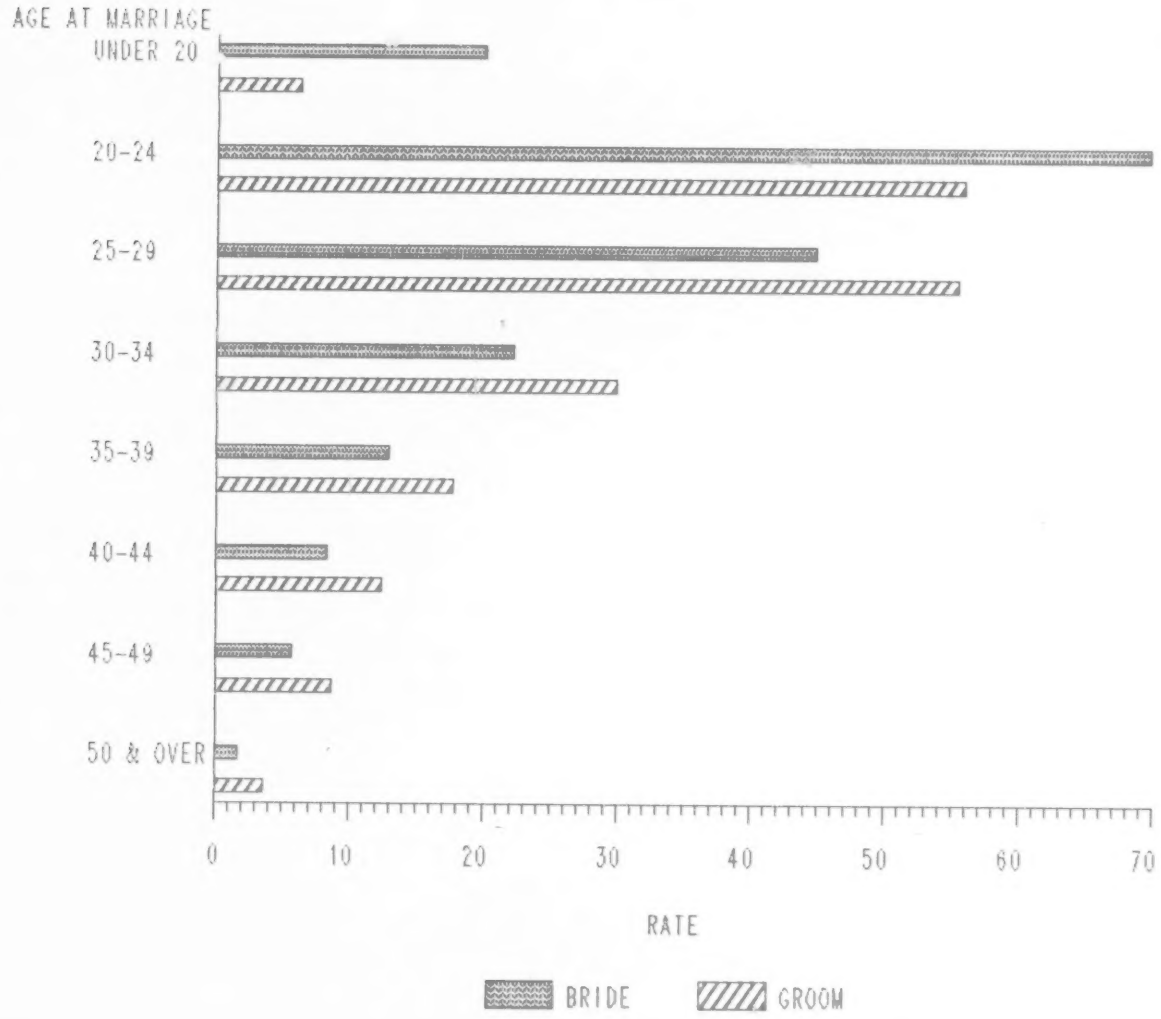
* RATE PER 1,000 FEMALE POPULATION.
**BRIDES WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

TABLE E-3
MARRIAGES BY AGE OF GROOM, NUMBER AND RATE:
PENNSYLVANIA OCCURRENCES, 1984, 1980, 1975, AND 1970

AGE OF GROOM (IN YEARS)	1984		1980		1975		1970	
	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*	NUMBER	RATE*
ALL AGES	91,610	16.1	93,673	16.5	91,665	16.2	94,516	23.4
UNDER 20	2,991	6.2	4,893	9.0	8,269	14.1	9,083	16.9
20-24**	28,567	55.9	36,931	70.6	41,079	77.7	48,757	123.4
25-29	27,726	55.4	25,582	54.6	21,027	54.3	18,083	52.7
30-34	13,465	29.9	10,995	26.4	7,391	22.0	5,735	19.5
35-39	6,998	17.7	5,028	15.2	3,664	12.8	3,055	10.2
40-44	3,953	12.4	2,952	10.4	2,559	8.7	2,464	6.9
45-49	2,402	8.7	2,013	7.0	2,171	6.3	2,052	5.5
50 & OVER	5,508	3.6	5,279	3.4	5,505	3.7	5,287	3.6

* RATE PER 1,000 MALE POPULATION.
**GROOMS WITH UNKNOWN AGES ARE INCLUDED IN THE 20-24 YEAR AGE GROUP.

FIGURE E–2
MARRIAGE RATES* BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA, 1984



*MARRIAGE RATE OF GROOM PER 1,000 MALE POPULATION FOR EACH SPECIFIED AGE GROUP.
MARRIAGE RATE OF BRIDE PER 1,000 FEMALE POPULATION FOR EACH SPECIFIED AGE GROUP.

TABLE E-4
PREVIOUS MARITAL STATUS BY RACE* AND AGE OF BRIDE
PENNSYLVANIA OCCURRENCES, 1984

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES**		NEVER MARRIED		WIDOWED		DIVORCED	
	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER
ALL AGES	83,951	7,218	61,718	5,542	2,619	234	19,576	1,431
UNDER 15	7	2	7	2	0	0	0	0
15-19	8,765	559	8,706	558	1	0	58	1
20-24	33,466	2,138	31,771	2,097	32	3	1,659	35
25-29	20,847	1,947	15,700	1,733	112	9	5,025	202
30-34	9,188	1,063	3,946	665	149	16	5,088	382
35-39	4,648	649	949	272	188	20	3,506	354
40-44	2,472	322	267	95	191	37	2,012	189
45-49	1,509	208	138	51	256	29	1,110	128
50 & OVER	3,011	323	205	65	1,689	119	1,110	138
UNKNOWN	38	7	29	4	1	1	8	2

* CASES WITH UNKNOWN RACE OF BRIDE ARE EXCLUDED FROM THIS TABLE.
**TOTAL INCLUDES UNKNOWN PREVIOUS MARITAL STATUS.

TABLE E-5
PREVIOUS MARITAL STATUS BY RACE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1984

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*		NEVER MARRIED		WIDOWED		DIVORCED	
	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER	WHITE	ALL OTHER
ALL AGES	83,573	7,639	59,893	5,567	2,628	209	21,012	1,852
UNDER 15	2	0	1	0	0	0	1	0
15-19	2,789	186	2,784	186	0	0	5	0
20-24	26,581	1,834	25,900	1,809	7	0	673	23
25-29	25,543	2,086	21,958	1,919	31	3	3,547	162
30-34	12,056	1,340	6,546	937	75	5	5,426	397
35-39	6,153	816	1,660	365	88	11	4,401	439
40-44	3,482	459	497	145	126	10	2,855	302
45-49	2,115	278	217	77	139	15	1,755	186
50 & OVER	4,835	637	320	127	2,161	164	2,343	343
UNKNOWN	17	3	10	2	1	1	6	0

* CASES WITH UNKNOWN RACE OF GROOM ARE EXCLUDED FROM THIS TABLE.
**TOTAL INCLUDES UNKNOWN PREVIOUS MARITAL STATUS.

TABLE E-6
PRIOR MARRIAGES BY AGE OF BRIDE
PENNSYLVANIA OCCURRENCES, 1984

AGE OF BRIDE (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	91,610	67,582	20,998	2,631	323	76
UNDER 15	9	9	0	0	0	0
15-19	9,377	9,316	59	2	0	0
20-24	35,787	34,043	1,702	32	1	9
25-29	22,883	17,494	5,046	306	20	17
30-34	10,297	4,632	5,022	581	52	10
35-39	5,318	1,226	3,463	552	60	17
40-44	2,811	363	1,970	399	73	6
45-49	1,730	190	1,231	263	41	5
50 & OVER	3,347	270	2,497	493	76	11
UNKNOWN	51	39	8	3	0	1

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

TABLE E-7
PRIOR MARRIAGES BY AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1984

AGE OF GROOM (IN YEARS)	ALL MARRIAGES*	FIRST MARRIAGE	PRIOR MARRIAGES			
			ONE	TWO	THREE OR MORE	UNKNOWN
ALL AGES	91,610	65,738	22,518	2,946	338	70
UNDER 15	2	1	1	0	0	0
15-19	2,989	2,984	5	0	0	0
20-24	28,545	27,837	699	7	0	2
25-29	27,726	23,958	3,614	137	5	12
30-34	13,465	7,521	5,442	464	26	12
35-39	6,998	2,031	4,262	625	63	17
40-44	3,953	645	2,670	544	83	11
45-49	2,402	296	1,669	378	56	3
50 & OVER	5,508	451	4,150	791	104	12
UNKNOWN	22	14	6	0	1	1

* TOTAL INCLUDES RECORDS WHICH DID NOT INDICATE WHETHER THIS WAS A FIRST OR REMARRIAGE.

TABLE E-8
ALL MARRIAGES BY AGE OF BRIDE AND AGE OF GROOM
PENNSYLVANIA OCCURRENCES, 1984

AGE OF GROOM (IN YEARS)	ALL AGES	AGE OF BRIDE (IN YEARS)													
		UNDER 20	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75 +	UNKNOWN
ALL AGES	91,610	9,386	35,787	22,883	10297	5,318	2,811	1,730	1,094	754	657	450	247	145	51
UNDER 20	2,991	2,172	720	70	17	7	3	0	0	0	0	0	0	0	2
20-24	28,545	5,919	19,269	2,737	460	114	20	7	1	1	1	0	0	0	16
25-29	27,726	1,013	12,228	11,619	2,252	466	104	18	8	4	0	1	0	1	12
30-34	13,465	186	2,572	5,597	3,706	1,096	239	49	8	3	0	0	0	0	9
35-39	6,998	59	676	1,887	2,227	1,538	460	116	25	5	1	2	0	0	2
40-44	3,953	21	211	627	1,008	1,098	670	256	51	7	1	1	0	0	2
45-49	2,402	6	68	214	372	536	604	427	129	34	10	1	0	0	1
50-54	1,648	7	14	74	144	279	357	417	248	73	21	12	1	0	1
55-59	1,315	0	10	32	67	115	220	252	287	225	80	19	3	2	3
60-64	1,051	2	7	11	30	41	109	123	224	223	179	78	18	5	1
65-69	709	0	3	5	9	16	19	49	77	110	197	157	49	18	0
70-74	425	0	1	3	1	7	3	9	26	42	111	104	88	29	1
75 +	360	0	0	0	3	4	2	6	10	26	56	75	88	90	0
UNKNOWN	22	1	8	7	1	1	1	1	0	1	0	0	0	0	1

TABLE E-9
ALL MARRIAGES BY RESIDENCE OF BRIDE AND GROOM, NUMBER AND PERCENT:
PENNSYLVANIA OCCURRENCES, 1984

	BRIDE		GROOM	
RESIDENCE	NUMBER	PERCENT	NUMBER	PERCENT
ALL AREAS	91,610*	100.0	91,610	100.0
PENNSYLVANIA	86,256	94.2	82,383	89.9
ALL OTHER STATES	5,295	5.8	9,103	9.9
TERRITORIES AND POSSESSIONS	3	0.0	8	0.0
FOREIGN COUNTRIES	54	0.1	116	0.1

*TOTAL INCLUDES TWO BRIDES WHOSE RESIDENCES WERE NOT INDICATED.

TABLE E-10
ALL MARRIAGES BY MONTH, NUMBER AND PERCENT:
PENNSYLVANIA OCCURRENCES, 1984

MONTH OF MARRIAGE	NUMBER	PERCENT
ALL MONTHS	91,610	100.0
JANUARY	3,344	3.7
FEBRUARY	4,036	4.4
MARCH	5,267	5.7
APRIL	6,359	6.9
MAY	10,009	10.9
JUNE	12,789	14.0
JULY	7,435	8.1
AUGUST	9,129	10.0
SEPTEMBER	11,871	13.0
OCTOBER	9,179	10.0
NOVEMBER	6,767	7.4
DECEMBER	5,425	5.9

TABLE E-11
DIVORCES AND ANNULMENTS, NUMBER AND RATE:
PENNSYLVANIA AND UNITED STATES OCCURRENCES, 1950-1984

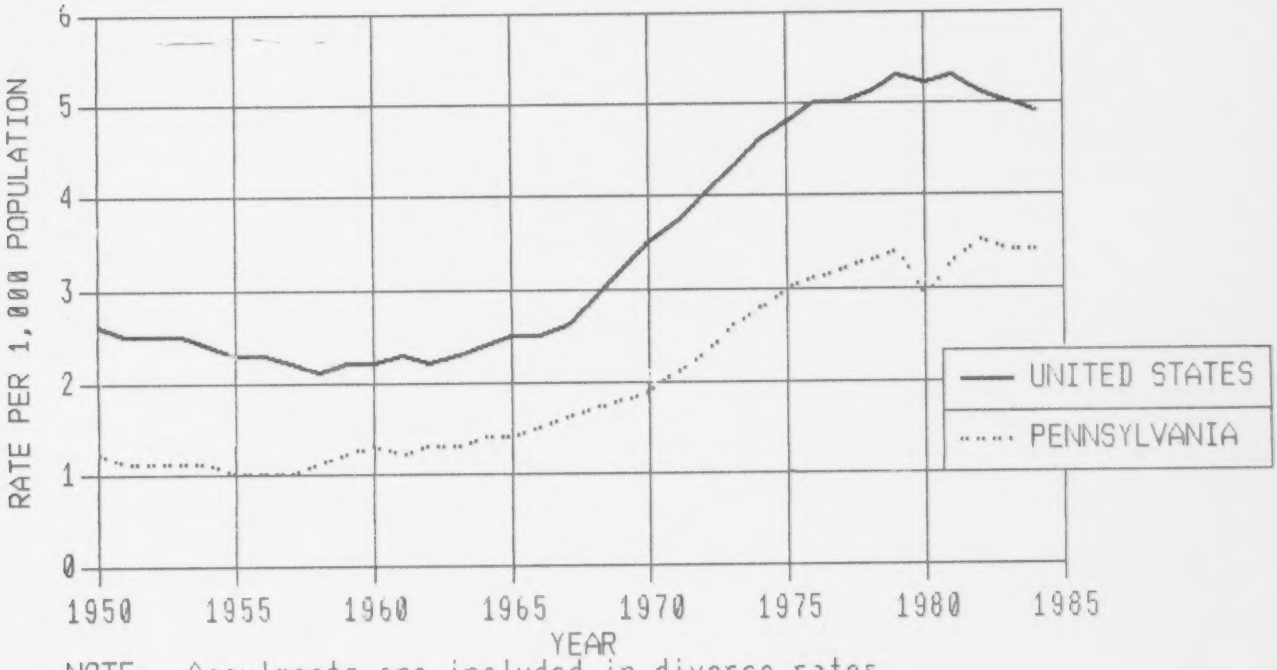
YEAR	PENNSYLVANIA NUMBER	PENNSYLVANIA RATE*	YEAR	UNITED STATES NUMBER	UNITED STATES RATE*
1984	40,375	3.4	1984**	1,155,000	4.9
1983	40,150	3.4	1983**	1,179,000	5.0
1982	41,280	3.5	1982**	1,180,000	5.1
1981	38,842	3.3	1981	1,213,000	5.3
1980	34,922	2.9	1980	1,189,000	5.2
1979	39,808	3.4	1979	1,181,000	5.3
1978	38,261	3.3	1978	1,130,000	5.1
1977	37,868	3.2	1977	1,091,000	5.0
1976	36,531	3.1	1976	1,083,000	5.0
1975	34,955	3.0	1975	1,036,000	4.8
1974	32,899	2.8	1974	977,000	4.6
1973	31,005	2.6	1973	915,000	4.3
1972	27,501	2.3	1972	845,000	4.0
1971	25,110	2.1	1971	773,000	3.7
1970	22,622	1.9	1970	708,000	3.5
1969	21,580	1.8	1969	639,000	3.2
1968	20,326	1.7	1968	584,000	2.9
1967	18,668	1.6	1967	523,000	2.6
1966	16,940	1.5	1966	499,000	2.5
1965	16,578	1.4	1965	479,000	2.5
1964	16,139	1.4	1964	450,000	2.4
1963	14,789	1.3	1963	428,000	2.3
1962	14,316	1.3	1962	413,000	2.2
1961	13,606	1.2	1961	414,000	2.3
1960	14,429	1.3	1960	393,000	2.2
1959	13,891	1.2	1959	395,000	2.2
1958	12,243	1.1	1958	368,000	2.1
1957	11,651	1.0	1957	381,000	2.2
1956	11,480	1.0	1956	382,000	2.3
1955	11,103	1.0	1955	377,000	2.3
1954	11,711	1.1	1954	379,000	2.4
1953	12,121	1.1	1953	390,000	2.5
1952	11,905	1.1	1952	392,000	2.5
1951	11,743	1.1	1951	381,000	2.5
1950	12,096	1.2	1950	385,144	2.6

*RATE PER 1,000 POPULATION.
**PROVISIONAL DATA.

TABLE E-12
DIVORCES AND ANNULMENTS BY DURATION OF MARRIAGE,
NUMBER AND PERCENT: PENNSYLVANIA OCCURRENCES, 1984

DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT	DURATION OF MARRIAGE (IN YEARS)	NUMBER	PERCENT
TOTAL	40,375	100.0	12	1,509	3.7
			13	1,288	3.2
Under 1	151	0.4	14	1,204	3.0
1	1,286	3.2	15	1,213	3.0
2	2,298	5.7	16	1,056	2.6
3	2,696	6.7	17	965	2.4
4	2,974	7.4	18	783	1.9
5	2,965	7.3	19	783	1.9
6	2,505	6.2	20-24	2,902	7.2
7	2,281	5.6	25-29	1,764	4.4
8	2,092	5.2	30-34	1,022	2.5
9	1,851	4.6	35-39	484	1.2
10	1,794	4.4	OVER 39	272	0.7
11	1,659	4.1	NOT STATED	578	1.4

FIGURE E-3
DIVORCE RATES
PENNSYLVANIA AND UNITED STATES, 1950-1984



NOTE: Annulments are included in divorce rates.

TABLE E-13
MARRIAGES AND DIVORCES BY COUNTY OF OCCURRENCE
NUMBER AND RATE: PENNSYLVANIA, 1984

COUNTY	MARRIAGES		DIVORCES	
	NUMBER*	RATE**	NUMBER	RATE**
ALL COUNTIES	91,610	7.7	40,375	3.4
ADAMS	469	6.8	205	3.0
ALLEGHENY	10,541	7.5	4,339	3.1
ARMSTRONG	626	7.6	176	2.1
BEAVER	1,290	6.5	500	2.5
BEDFORD	373	7.8	128	2.7
BERKS	2,541	8.0	930	2.9
BLAIR	953	7.1	373	2.8
BRADFORD	560	8.7	201	3.1
BUCKS	4,068	8.0	1,815	3.6
BUTLER	1,099	7.3	500	3.3
CAMBRIA	1,209	6.8	395	2.2
CAMERON	61	9.2	4,524	685.5
CARBON	405	7.5	122	2.3
CENTRE	855	7.5	327	2.9
CHESTER	2,420	7.2	1,110	3.3
CLARION	362	8.4	101	2.3
CLEARFIELD	672	8.0	222	2.6
CLINTON	298	7.6	155	4.0
COLUMBIA	508	8.2	195	3.2
CRAWFORD	743	8.3	290	3.3
CUMBERLAND	1,651	8.9	689	3.7
DAUPHIN	1,911	8.1	793	3.4
DELAWARE	5,398	9.8	1,348	2.4
ELK	317	8.4	115	3.1
ERIE	2,381	8.4	960	3.4
FAYETTE	1,157	7.3	402	2.5
FOREST	46	9.2	10	2.0
FRANKLIN	672	5.8	434	3.7
FULTON	77	5.7	45	3.3
GREENE	329	8.0	167	4.1
HUNTINGDON	374	8.8	138	3.2
INDIANA	579	6.2	195	2.1
JEFFERSON	497	10.2	189	3.9
JUNIATA	155	7.8	50	2.5
LACKAWANNA	1,617	7.2	554	2.5
LANCASTER	3,105	8.1	1,220	3.2
LAWRENCE	1,160	11.0	294	2.8
LEBANON	904	8.1	380	3.4
LEHIGH	2,130	7.7	901	3.3
LUZERNE	2,457	7.3	764	2.3
LYCOMING	1,057	9.0	427	3.6
MCKEAN	430	8.7	186	3.8
MERCER	1,084	8.5	395	3.1
MIFFLIN	374	8.0	133	2.9
MONROE	748	9.7	267	3.5
MONTGOMERY	5,927	9.0	2,005	3.0
MONTOUR	142	8.4	56	3.3
NORTHAMPTON	1,966	8.5	747	3.2
NORTHUMBERLAND	815	8.1	322	3.2
PERRY	271	7.2	101	2.7
PHILADELPHIA	10,124	6.1	4,943	3.0
PIKE	163	7.9	51	2.5
POTTER	182	9.9	51	2.8
SCHUYLKILL	1,130	7.2	364	2.3
SNYDER	313	8.8	95	2.7
SOMERSET	608	7.4	225	2.7
SULLIVAN	75	12.1	11	1.8
SUSQUEHANNA	327	8.4	99	2.6
TIOGA	402	10.0	132	3.3
UNION	308	9.2	77	2.3
VENANGO	514	8.0	157	2.4
WARREN	396	8.3	107	2.2
WASHINGTON	1,507	6.9	619	2.8
WAYNE	348	9.2	118	3.1
WESTMORELAND	2,902	7.5	1,059	2.7
WYOMING	241	8.8	107	3.9
YORK	2,263	7.0	1,265	3.9

*TOTAL MARRIAGES INCLUDE 23 UNKNOWN COUNTY OF OCCURRENCE.
**RATE PER 1,000 ESTIMATED 1984 POPULATION FOR EACH SPECIFIED COUNTY.

Technical Notes

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TECHNICAL NOTES
****

A. SOURCES OF DATA

1. Births, Deaths and Fetal Deaths:

Birth, death and fetal death certificates are the source documents for data on vital events of Pennsylvania residents during the 1984 calendar year. A copy of each of these types of certificates is included as Figures I, II and III.

The cut-off date for 1984 data in this report is March 1, 1985. Any data pertaining to a 1984 event for which a certificate was filed after March 1, 1985, are not included in this report. It is possible that data obtained from the State Health Data Center may differ slightly from that which appear in this report. If this should occur, it is due to an update to the 1984 data year which was made after the March 1 deadline for this report.

Births and deaths relating to Pennsylvania residents which occurred in another state are included in this report. The inclusion of these data are made possible by an agreement among all registration areas in the United States for resident exchange of copies of certificates.

Birth and fetal death certificates are usually completed by hospital personnel present at the delivery. Death certificates are usually completed by hospital personnel, physicians and funeral directors.

2. Marriages and Divorces:

Each of the 67 counties in Pennsylvania is responsible for collecting, processing and maintaining marriage and divorce records. Copies of these records are forwarded to the Department of Health only for the purpose of data processing selected items in order to report aggregate statistics as contained in this report. The cut-off date for 1984 data in this report is March 1, 1985.

3. Population Estimates:

The estimates of state and county population used in this publication are for July 1, 1984, as prepared by the State Data Center at the Capitol Campus of The Pennsylvania State University, under an agreement with the State Health Data Center. They were generated using a variation of the Administrative Records method in which the components of population change were moved ahead one year by repeating the last available data for resident births and deaths, group quarters

population and change in medicare figures. The base population used for the July 1, 1984 estimates are the revised July 1, 1983 county population estimates that are published by the Bureau of Census in Current Population Reports, Series P-26.

The estimates of total municipal population used in this publication are based on the 1984 revenue sharing estimates, published by the Bureau of the Census in Current Population Reports, Series P-26.

The estimates of total female population by age group, for the Commonwealth, used in this report, are for July 1, 1984. They were calculated using a projection method, based upon 1980 survival experience of 1970 age/sex cohorts.

B. DATA QUALITY

The quality of birth and death data presented in this report is directly related to the completeness and accuracy of the information contained on the certificates. The State Health Data Center works to ensure that the information received is as complete and accurate as possible, and maintains two major program operations related to improving the quality of information received on birth and death certificates - the query and field programs.

The query program is a system used to follow-back with hospital personnel, funeral directors and/or physicians concerning incomplete or conflicting information. The follow-back contact is usually done by telephone and is based both on a manual and a computer editing procedure.

The field program attempts to improve birth, death and fetal death certificate information by educating the participants in the vital registration system, i.e., hospital personnel, funeral directors, physicians, etc., of the uses and importance of vital statistics data. The field program completes this mission by conducting seminars with various associations representing the types of individuals listed above. In addition to regularly scheduled seminars, the field representative makes site visits when problems with registration relating to a particular area or institution are discovered.

The National Center for Health Statistics (NCHS) monitors Pennsylvania's coding of statistical data on birth and death certificates. A 0.4 percent sample of birth records and a 0.5 percent sample of death records coded and submitted monthly by the state are used as a quality control mechanism by NCHS. NCHS codes these sample records independently and then conducts an item-by-item computer match of codes entered by the state and NCHS. NCHS has established a two percent upper limit for coding difference involving any one data item of these sample records, with the exception of cause of death. A five percent limit is established for that item due to the complexity of the coding process.

In terms of the completeness of the data collected, the reporting of deaths and live births is considered to be nearly complete (99 percent or greater). However, in Pennsylvania, fetal deaths under 16 weeks gestation are not required to be reported.

According to a recent study[1] of the estimated number of total pregnancies for the United States, prepared by the National Center for Health Statistics, the distribution of live births, fetal deaths and induced abortions is as indicated in the chart below. The distribution of the Pennsylvania reported pregnancies is also shown.

	U.S. Estimated Total Pregnancies 1981	Pennsylvania Reported Pregnancies 1980-1984
Live Births	60.9%	72.8%
Fetal Deaths	12.6%	0.9%
Induced Abortions	26.5%	26.4%

It is apparent that there are a very large number of fetal deaths (probably in excess of 90 percent) not reported or included in this publication, mainly due to the exclusion of those under sixteen weeks gestation. Also, there may be serious underreporting at about sixteen weeks gestation and a smaller undercount at later gestational ages.

C. GEOGRAPHY

1. Allocation:

In Pennsylvania's registration program, vital events are classified geographically in two ways. The first way is by place of occurrence, i.e., the actual state and county in which the birth or death took place. The second and more customary way is by place of residence, i.e., the state, county and minor civil division stated to be the usual residence of the decedent in the case of death or of the mother in the case of a newborn. Fetal deaths and infant deaths, in cases where the child was never discharged from the hospital, are to be classified to the residence of the mother.

While occurrence statistics are accurate and have both administrative value and some statistical significance, residence statistics are by far the more useful tool in determining health indices for planning and evalution purposes. The natality and mortality statistics provided in this report are residence data, however, the marriage and divorce statistics are occurrence

[1] "Estimates of Pregnancies and Pregnancy Rates for the United States, 1976-81"; Ventura, Taffel and Mosher; Public Health Reports, Jan.-Feb. 1985, Vol. 100 No. 1, pp. 31-33.

data. This is mainly due to the fact that two separate residences are usually involved in a marriage and a divorce and there are no accepted, standard procedures for determining residency in these events.

Allocation of vital events by place of residence is sometimes difficult, because classification depends entirely on the statement of the usual place of residence furnished by the informant at the time the original certificate is completed. For various reasons, this statement may be incorrect or incomplete. For example, mailing addresses very often differ from the actual geographic residence. Where the mailing address is a rural delivery number or when an unincorporated place is given as the place of residence, it may be impossible to allocate the event to a specific township or the correct minor civil division, if this information is not supplied. How often incorrect information on residence is recorded is not known, but it is generally due to lack of information concerning the exact location of residence or misunderstanding of the question on the part of the informant.

This problem is applicable generally only to minor civil division level data. Resident counts for the state as a whole are, for all practical purposes, very accurate. County resident figures are substantially correct and can be used with a high degree of confidence.

Each of Pennsylvania's 67 counties is classified into one of nine Health Service Areas, each administered by a Health Systems Agency (HSA). The Health Systems Agencies, established under P.L. 93-641, are regional agencies designated for geographic locations appropriate for the effective planning and development of health services. Some of the data presented in this report are aggregated by health service areas. Figure IV is a map showing the county distribution of the health service areas in Pennsylvania.

2. Criteria for Municipality Selection:

Tables A-5, B-32, B-33, B-34, B-35, B-36, C-21, C-22 and C-23 show statistics for selected municipalities in the State. These municipalities include those cities or boroughs with a 1980 enumerated population of 25,000 or more. Sharon, which had a population of 19,057, was also included due to its designation in 1980 as an SMSA (Standard Metropolitan Statistical Area). Philadelphia is a city/county. It has been included in both county and municipality tables for the user's convenience.

D. DEFINITIONS OF TERMS

1. Natality:

APGAR SCORE - Named after Virginia Apgar, M.D., the Apgar Score is an international code for the clinical evaluation of an infant one minute and five minutes after birth. A score of 0, 1, or 2 is assigned to each of the following objective signs - heart rate, respiratory effort, muscle tone, reflex irritability and color. Thus, the total Apgar Score ranges from a low of 0 to a high of 10. In general, a score of 8-10 is considered satisfactory, 4-7 indicates a need for careful observation and possible concern since the infant is moderately depressed, and 0-3 serves as an alert for possible emergency procedures and raises some doubts about survival since the infant is severely depressed.

BIRTH WEIGHT - The first weight of the fetus or newborn obtained after birth. This weight should be measured preferably within the first hour of life before significant postnatal weight loss has occurred.

LOW BIRTH WEIGHT - A birth weight of less than 2500 grams or 5 pounds, 8 ounces.

VERY LOW BIRTH WEIGHT - A birth weight of less than 1500 grams or 3 pounds, 4 ounces.

LIVE BIRTH - According to Pennsylvania law, is the expulsion or extraction from its mother of a product of conception, irrespective of the period of gestation, which shows any evidence of life at any moment after such expulsion or extraction.

LIVE BIRTH ORDER - An expression used to indicate the numeric relationship of a child to others live-born to that mother.

2. Mortality:

CAUSE OF DEATH - Deaths, by cause, are classified according to the International Classification of Diseases, Ninth Revision, of the World Health Organization.

UNDERLYING CAUSE OF DEATH - The underlying cause of death is either the disease or injury which initiated the train of events leading directly to death or the circumstances of the accident or violence which produced the fatal injury.

MULTIPLE CAUSES OF DEATH - All those diseases, morbid conditions or injuries which either resulted in or contributed to death and the circumstances of the accident or violence which produced any such injuries.

FETAL DEATH - Defined by law in Pennsylvania as the expulsion or extraction from its mother of a product of conception after 16 weeks gestation, which shows no evidence of life after such expulsion or extraction.

INFANT DEATH - Death of an infant under 1 year of age.

NEONATAL DEATH - An infant death occurring within the first 27 days of life.

MATERNAL DEATH - The death of a woman while pregnant or within 42 days of termination of pregnancy, irrespective of the duration and the site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental or incidental causes.

3. Geographic Allocation:

RESIDENT DATA - Data compiled as to the usual residence without regard to the geographical place where the event occurred. For births, fetal deaths and infant deaths (in cases where the child was never discharged from the hospital), the mother's usual residence is used as the place of residence.

OCCURRENCE DATA - Data compiled as to the geographical place the event occurred without regard to the actual residence. Marriage and divorce data are the only occurrence data appearing in this report.

4. Birth Weight in Grams:

In order to provide data comparable to that published for the United States and other countries, birth weight is reported in grams. However, not all facilities in Pennsylvania record birth weight in grams and, in order to collect complete data, providers are given the opportunity to report either pounds and ounces or grams on the Pennsylvania live birth certificate.

In tabulating and presenting the natality statistics for this report, birth weights reported in pounds and ounces are converted to grams. The equivalents of the gram intervals in pounds and ounces are as follows:

499 grams or less	=	1 lb.	1 oz.	or	less	
500 - 999 grams	=	1 lb.	2 ozs.	-	2 lbs.	3 ozs.
1,000 - 1,499 grams	=	2 lbs.	4 ozs.	-	3 lbs.	4 ozs.
1,500 - 1,999 grams	=	3 lbs.	5 ozs.	-	4 lbs.	6 ozs.
2,000 - 2,499 grams	=	4 lbs.	7 ozs.	-	5 lbs.	8 ozs.
2,500 - 2,999 grams	=	5 lbs.	9 ozs.	-	6 lbs.	9 ozs.
3,000 - 3,499 grams	=	6 lbs.	10 ozs.	-	7 lbs.	11 ozs.
3,500 - 3,999 grams	=	7 lbs.	12 ozs.	-	8 lbs.	12 ozs.
4,000 - 4,499 grams	=	8 lbs.	13 ozs.	-	9 lbs.	14 ozs.
4,500 - 4,999 grams	=	9 lbs.	15 ozs.	-	11 lbs.	0 ozs.
5,000 grams or more	=	11 lbs.	1 oz.	or	more	

E. RATES

Absolute counts of births and deaths do not readily lend themselves to analysis and comparison between years and between various geographic areas because of population differences. These demographic differences include total number, age and sex distributions, and ethnic or racial differentials. In order to assess the health status of a particular population at a specified time, the absolute number of events is converted to a relative number such as a probability of living or dying, a rate, a ratio, or an index. This conversion is made by relating the crude number of events to the living population at risk in a particular area at a specified time.

1. Definitions of Rates:

CRUDE BIRTH RATE: Number of live births per 1,000 population.

AGE-SPECIFIC BIRTH RATE: Number of live births to mothers in a specified age group per 1,000 females in the same age group.

GENERAL FERTILITY RATE: Number of live births per 1,000 females in the population 15-44 years old.

FETAL DEATH RATE: Fetal deaths of gestation 16 weeks and over, per 1,000 deliveries. The number of deliveries consists of live births plus fetal deaths.

NEONATAL DEATH RATE: Number of infants dying under 28 days of age per 1,000 live births.

INFANT DEATH RATE: Deaths under one year of age per 1,000 live births.

CRUDE DEATH RATE: Number of deaths per 1,000 population.

AGE-SPECIFIC DEATH RATE: Number of deaths for a specified age group per 1,000 population in the same age group.

CAUSE-SPECIFIC DEATH RATE: Number of deaths from a specific cause per 100,000 population.

MATERNAL DEATH RATE: Number of deaths from complications of pregnancy, childbirth, and the puerperium per 10,000 live births.

TOTAL FERTILITY RATE: The sum of the age-specific birth rates of women in five-year age groups multiplied by five. This rate estimates the number of children a cohort of 1,000 women would bear if they all went through their childbearing years exposed to the age-specific birth rates in effect for a particular time.

The TFR can be used as an estimate of the fertility growth factor in a population, e.g., whether the childbearing population is replacing itself or not. A TFR of 2,000 or above indicates that, on the average, couples are producing at least two children to replace themselves. When the TFR exceeds 2,000 for an extended period, the next generation of childbearing age will probably be larger than the present population of that age if all other factors affecting the population, such as death rates and migration, remain constant. Pennsylvania's TFR has been under 2,000 since 1972. However, it has remained relatively stable since then, although still below replacement level. The TFR is not meant to be used as an absolute measure of population trends, but can be helpful in understanding and analyzing them. There are many other factors to consider when determining population trends, such as crude birth rates, death rates and migration patterns. In fact, it would take several generations of a childbearing population maintaining a replacement level to just stabilize a specific population, again given that other factors, mainly age-specific death rates, also were maintained.

2. Reliability of Rates:

Precautions should always be taken when comparing any rates based on vital events and population, especially crude rates. Both the size of the numbers and the characteristics of the population are important indicators of a rate's real value.

All statistics are subject to chance variation. Rates based on an unusually small or large number of events over a specified period of time or for a sparsely populated geographic area should be of particular concern and caution.

As an example of this problem, let us look at infant deaths as reported in 1983 for residents of Forest County, the least populated county in the State. There was only one infant death but that one death was enough to give Forest County an infant death rate of 20.4 per 1,000 resident live births in 1983 and the distinction of having the highest infant death rate that year in the state among all counties. This is the chance result of one death having enormous significance when statistically applied to the small amount of births to the few residents of that county. Any statement regarding the unusually high 1983 infant death rate in Forest County could be quite misleading. When small events or populations are evident in calculating/studying rates, multiple year rates (usually 5 or 10 year summary rates) will sometimes provide a much better perspective or measurement of an outcome. For instance, if you calculate a five year (1980-84) infant death rate for Forest County, you will get a rate of 10.4 per 1,000 resident live births. The corresponding five year infant death rate for the State is 11.6. Over the five year period, Forest County's infant death rate experience is relatively lower than the state. Expanding the period of time studied also enlarges the absolute numbers and adds more credence to a statement regarding Forest County's recent infant death rate.

A multiple year rate may also help substantiate what you at first considered an artificially high or low incidence for one year. Consider the 1984 divorce rate of 1.8 per 1,000 population in Sullivan County, the lowest rate in the state. The state rate was 3.4. A summary five-year (1980-84) divorce rate for Sullivan County was the same low figure - 1.8 per 1,000 population. In 1984, another rural county, Cameron, had an incredible rate of 685.9. A five year (1980-84) divorce rate for Cameron gives you a somewhat lower but still impressive 218.1. What do these widely varied rates mean? Are residents of Cameron County more than 200 times more likely to get a divorce than residents of Sullivan County? No, of course not; the problem here is that divorce (and marriage) statistics are occurrence data, i.e., the rates are computed by dividing the number of divorces (or marriages) occurring in the county by the population residing in the county. Before one could reach any conclusions you would have to investigate local factors that could influence the number of marriages and divorces occurring in a county.

There are many characteristics of a population that can also render a crude rate of little use. Any unique demographic factors such as those related to age, sex and race are not accounted for in crude rates. One prime Pennsylvania example is Centre County. Because Penn State's major campus of some 30,000 students is located in this rural county, the median age is usually the lowest in the State. So is the crude death rate. But rates can be adjusted or calculated to more specific groups within a population. When all county rates are adjusted for age, Centre County is usually somewhere in the middle, close to the state rate. Age, sex or race adjusted and specific rates can offer a more refined measurement to compare vital event experiences over geographic areas or time periods. However, again there are limitations to their use and one should be very familiar with these rates before attempting their use.

F. Selected Causes of Death

In Tables C-5A, C-5B, C-5C, C-5D, C-5E, C-17, C-20, and C-23, thirty-three selected causes of death are indicated. These selected causes of death and the ICD-9 cause codes included in each category are listed below. Please note that "Chronic Obstructive Pulmonary Disease" appears as a relatively new category. Medical certifiers have been using the term more often on certificates since the 1970's. The National Center for Health Statistics and many states have incorporated this category into their mortality reports for several years now. Therefore, for comparability reasons alone, it is important to include this category among leading causes of death. The category includes bronchitis, emphysema, asthma and allied conditions. Please note, however, that due to International Classification of Disease revisions used for coding causes of death, data on this new category are not comparably available prior to 1979, when the last revision occurred.

SELECTED CAUSES OF DEATH (Continued)

CAUSE OF DEATH	ICD CODE(S)
Heart Disease	390-398, 402 404-429
Malignant Neoplasms	140-208
Cerebrovascular Disease	430-438
Accidents, All Forms	E800-E807, E810-E949
Motor Vehicle	E810-E825
Other Than Motor Vehicle	E800-E807, E826-E949
Chronic Obstructive Pulmonary Disease	490-496
Diabetes Mellitus	250
Pneumonia and Influenza	480-487
Atherosclerosis	440
Liver Disease and Cirrhosis	571
Suicide	E950-E959
Perinatal Conditions	760-779
Nephritis, Nephrosis	580-589
Aortic Aneurysm	441
Pneumoconiosis	500-505
Homicide and Legal Intervention	E960-E978
Congenital Anomalies	740-759
Septicemia	038
Benign and Unspecified Neoplasms	210-239
Hypertension	401,403
Ulcers of Stomach and Duodenum	531-533
Hernia and Intestinal Obstruction	550-553, 560
Parkinson's Disease	332
Anemias	280-285
Diseases of Pancreas	577
Venous Embolism and Thrombosis	451-453
Gall Bladder Disorders	574-575
Alcoholism	303
Infections of Kidney	590
Tuberculosis	010-018
Nutritional Deficiencies	260-269
Multiple Sclerosis	340
Epilepsy	345
Meningitis	320-322

H105.142 (Rev. 3/82) FIGURE I

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF LIVE BIRTH

PRIMARY DIST. NO. _____ STATE FILE NO.

CERTIFICATE SHOULD BE TYPED OR PRINTED IN PERMANENT BLACK OR BLUE/BLACK INK

VOID

CHILD—NAME FIRST MIDDLE LAST (1.)	SEX (2.)	DATE OF BIRTH (Mo. Day Year) (3a.)	HOUR (3b.) ___ AM ___ PM
HOSPITAL NAME (If not in Hospital, Give Street Address or Rural Location) (4a.)	City, Boro, or Twp. of Birth (4b.)	COUNTY OF BIRTH (4c.)	
I CERTIFY THAT THE STATED INFORMATION CONCERNING THIS CHILD IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF 5a. (Signature) ▶	DATE SIGNED (Mo, Day, Year) (5b.)	CERTIFIER—NAME AND TITLE (Type or Print) (5c.)	
Name and Title of Attendant at Birth if other than Certifier (Type or Print) (5d.)	CERTIFIER'S MAILING ADDRESS (Street or R.F.D. No., City or Town, State, Zip) (5e.)		
MOTHER—MAIDEN NAME FIRST MIDDLE LAST (6a.)	AGE (At time of this Birth) (6b.)	STATE OF BIRTH (If not in U.S.A., Name Country) (6c.)	
MAILING ADDRESS STREET AND NUMBER CITY AND STATE ZIP CODE (7.)			
WHERE DOES MOTHER ACTUALLY LIVE? (8.) 8a. State _____ 8b. County _____ Does mother live in a township? 8c. ☐ Yes, mother lives in _____ township 8d. ☐ No, mother lives within actual limits of _____ city/boro			
FATHER—NAME FIRST MIDDLE LAST (9a.)	AGE (At time of this Birth) (9b.)	STATE OF BIRTH (If not in U.S.A., Name Country) (9c.)	
INFORMANT (10a.)	Relation to Child (10b.)	REGISTRAR'S SIGNATURE AND NUMBER (11a.)	DATE RECEIVED (11b.)

CONFIDENTIAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

RACE—MOTHER (e.g., White, Black, American Indian, etc. — Specify) (12.)	RACE—FATHER (e.g., White, Black, American Indian, etc. — Specify) (13.)	EDUCATION—MOTHER (Specify only highest grade completed) ELEMENTARY OR SECONDARY (0-12) / COLLEGE (1-4 or 5+) (14.)	EDUCATION—FATHER (Specify only highest grade completed) ELEMENTARY OR SECONDARY (0-12) / COLLEGE (1-4 or 5+) (15.)	IS MOTHER MARRIED TO FATHER? ☐ Yes ☐ No (16.)

PREGNANCY HISTORY (Complete each section)					
LIVE BIRTHS (Do not include this child)		OTHER TERMINATIONS (Spontaneous and Induced)		Date Last Normal Menses Began (Mo. Day, Year) (18.)	Month of Pregnancy Pre-Natal Care Began (1st, 2nd, etc.) (Specify) (19a.)
17a. Now living Number ___ None ☐	17b. Now dead Number ___ None ☐	17d. Before 16 wks. Number ___ None ☐	17e. After 16 wks. Number ___ None ☐	BIRTH WEIGHT (21.)	THIS BIRTH—Single, Twin, Triplet, etc. (Specify) (22a.)
17c. Date of Last Live Birth (Mo. Year)		17f. Date of Last Other Termination (Mo. Year)		Method of Delivery (24.)	COMPLICATIONS OF PREGNANCY (Describe or write "none") (25.)

Pre-Natal Visits — Total (If none, so state) (19b.)	Length of Pregnancy in weeks. (20.)	APGAR SCORE 1 Min. (23a.)	APGAR SCORE 5 Min. (23b)
If NOT Single Birth — Born First, Second, Third etc. (Specify) (22b.)			

CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write "none") (26.)	COMPLICATIONS OF LABOR AND/OR DELIVERY (Describe or write "none") (27.)
BIRTH INJURIES OF CHILD (Describe or write "none") (28.)	CONGENITAL MALFORMATIONS OR ANOMALIES OF CHILD (Describe or write "none") (29.)

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FIGURE II

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF DEATH

(Physician)

STATE FILE NO.

Type or Print in Permanent Blue or Blue/Black Ink

DECEDENT

Name of decedent (First) (Middle) (Last) 1.						Sex 2.	Date of death (Mo., Day, Yr.) 3.	
Race – (e.g., White, Black, American Indian, etc.) 4.	Age last birthday 5A.	If under 1 yr. Mos. 5B.	Days	If under 1 day Hours 5C.	Min.	Date of birth, Mo, Day, Yr 6A.	State or foreign country of birth 6B.	County of birth 6C.	City, Boro, or Twn. of birth 6D.
County of death 7A.	City, Boro, or Twp. of death 7B.	Hospital or Institution (If not either, give address) 7C.						If hosp. or inst. indicate DOA, OP/ER, or inpatient (specify) 7D.	
Decedent's Mailing Address (Street or RFD No.) (City or Town) (State) (Zip Code) 8.						Marital Status 9.	Surviving Spouse (If wife, give maiden name) 10.		
Citizen of what country? 11.	Was decedent ever in U.S. Armed Forces? ☐ Yes ☐ No 12.	Social Security Number 13.				Usual Occupation (Kind of work done during most of working life) 14A.	Kind of business or industry 14B.		

Where did decedent actually live? 15.
15a. State _____ Did decedent live in a township? 15c. ☐ Yes, decedent lived in _____ township.
15b. County _____ 15d. ☐ No, decedent lived within actual limits of _____ city or boro.

PARENTS

Father's name (First) (Middle) (Last) 16.	Mother's maiden name (First) (Middle) (Last) 17.

Informant's name (Type or Print) 18A.	Informant's Mailing address 18B.	(Street or RFD No.)	(City or Town) (State)	(Zip Code)

DISPOSITION

☐ Burial ☐ Removal ☐ Cremation ☐ Other 19A.	Date of burial, etc. 19B.	Name of cemetery or crematory 19C.	Location (City, boro, twp.) (State) 19D.

VOID

Signature of funeral director and license number 20A. FD – ☐☐☐☐☐☐ – ☐

Name and address of funeral establishment 20B.

Registrar's Signature 21A. ☐☐☐☐☐

Date received by registrar 21B.

CERTIFIER

To Be Completed By Certifying Physician Only

To the best of my knowledge, death occurred at the time, date and place and due to the cause(s) stated.

Signature and title 22A. M.D. or D.O.

Date Signed (Mo., Day, Yr.) 22B.

Hour of Death 22C. _____ A.M. _____ P.M.

Name and Address of Certifier (Physician, Medical Examiner or Coroner) (Print or Type) 24.

Name of Attending Physician 25.

Conditions If Any Which Gave Rise To Immediate Cause Stating The Underlying Cause Last → CAUSE OF DEATH

PART I

26. IMMEDIATE CAUSE: Enter only one cause per line for (A) (B) and (C)

(A) _____ Interval between onset and death

Due to, or as a consequence of:

(B) _____ Interval between onset and death

Due to, or as a consequence of:

(C) _____ Interval between onset and death

PART II Other Significant Conditions – Conditions contributing to death but not related to cause given in Part I (a)

Autopsy ☐ Yes ☐ No 27.

Was case referred to Medical Examiner or Coroner? 28. ☐ Yes ☐ No

If Acc., Suicide, Hom., Undet. or Pending Investigation (Specify) 29A.	Date of Injury (Mo., Day, Yr.) 29B.	Hour of Injury 29C. _____ A.M. _____ P.M.	Describe how injury occurred: 29D.
Injury at work? ☐ No ☐ Yes 29E.	Place of Injury (At home, farm, street, etc.) 29F.		Location (Street or RFD No.) (City, Boro, or Twp.) (State) 29G.

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FIGURE III

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF HEALTH
VITAL RECORDS

CERTIFICATE OF FETAL DEATH

State File No. _____

TYPE OR PRINT IN PERMANENT INK

ULTIPLE BIRTHS
nter State File Number
r Mate(s)

IVE BIRTH(S)

ETAL DEATH(S)

HOSPITAL–NAME (If not in Hospital, Give Street and No.) 1a. | CITY, BORO, TWP. OF DELIVERY 1b. | COUNTY OF DELIVERY 1c.

DATE OF DELIVERY (Month, Day, Year) 2a. | HOUR OF DELIVERY 2b. m. | SEX OF FETUS 3. | WEIGHT OF FETUS 4. | METHOD OF DELIVERY 5.

MOTHER–MAIDEN NAME FIRST MIDDLE LAST 6a. | AGE (At Time Of This Delivery) 6b. | STATE OF BIRTH (If not U.S.A., Name Country) 6c.

MAILING ADDRESS Street Post Office State Zip Code 7.

WHERE DOES MOTHER ACTUALLY LIVE? 8. a. State _____ b. County _____

DOES MOTHER LIVE IN A TOWNSHIP? ☐ Yes, Mother Lives In _____ Township. ☐ No, Mother Lives Within Limits of _____ City, Boro.

RACE (White, Black, American Indian, etc.) 9. | IS MOTHER MARRIED? Yes ☐ No ☐ 10. | EDUCATION (Specify only highest grade completed) Elementary or Secondary (0–12) | College (1–4 or 5+) 13.

PREGNANCY HISTORY (Complete Each Section)

LIVE BIRTHS: 14a. Now Living Number / None ☐ | 14b. Now Dead Number / None ☐

OTHER TERMINATIONS (Spontaneous and Induced): 14d. Before 16 Wks. Number / None ☐ | 14e. After 16 Wks. Number / None ☐

DATE LAST NORMAL MENSES BEGAN (M, D, Y) 11. | MO. OF PREGNANCY PRENATAL CARE BEGAN (1st, 2nd., etc.) 12a. | PRENATAL VISITS TOTAL NUMBER (If none, so state) 12b.

THIS BIRTH- Single, twin, triplet, etc. (Specify) 15a. | IF NOT SINGLE BIRTH Born 1st., 2nd., 3rd., etc. (Specify) 15b. | BIRTH INJURIES OF FETUS (Describe or write none) 16. | CONGENITAL ANOMALIES OF FETUS (Describe or write none) 17. | DATE OF LAST LIVE BIRTH (Month, Year) 14c. | DATE OF LAST OTHER TERMINATION (Month, Year) 14f.

COMPLICATIONS OF PREGNANCY (Describe or write none) 18. | CONCURRENT ILLNESSES OR CONDITIONS AFFECTING THE PREGNANCY (Describe or write none) 19. | COMPLICATIONS OF LABOR AND DELIVERY (Describe or write none) 20.

FATHER – NAME FIRST MIDDLE LAST 21a. | AGE (At Time of this Delivery) 21b. | EDUCATION (Specify only highest grade completed) Elementary or Secondary (0–12) / College (1–4 or 5+) 23.

STATE OF BIRTH (If not U.S.A., Name Country) 21c. | RACE (White, Black, American Indian, etc.) 22.

VOID

24. FETAL OR MATERNAL CONDITION DIRECTLY CAUSING FETAL DEATH

IMMEDIATE CAUSE (Enter Only One Cause Per Line For (a), (b), (c)) — SPECIFY FETAL OR MATERNAL

(a) _____

DUE TO OR AS A CONSEQUENCE OF — SPECIFY FETAL OR MATERNAL

FETAL AND/OR MATERNAL CONDITIONS, IF ANY, GIVING RISE TO THE IMMEDIATE CAUSE (a), STATING THE UNDERLYING CAUSE LAST

(b) _____

DUE TO OR AS A CONSEQUENCE OF — SPECIFY FETAL OR MATERNAL

(c)

OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER (Conditions Contributing to Fetal Death but not Related to Cause Given in 24a.) 25. | FETUS DIED BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN 26. | PHYSICIAN'S ESTIMATE OF GESTATION (weeks) 27. | AUTOPSY Yes ☐ No ☐ 28.

REGISTRAR'S SIGNATURE AND FIVE DIGIT NUMBER

I HEREBY CERTIFY THIS FETUS WAS DELIVERED DEAD ON THE DATE STATED ABOVE (2a).

29. SIGNATURE (Physician or Coroner) Address Date Signed

ate Received _____

BURIAL ☐ CREMATION ☐ REMOVAL ☐ 30a. | DATE 30b. | NAME OF CEMETERY OR CREMATORY 30c. | LOCATION CITY, BORO., TWP. STATE 30d.

FUNERAL SERVICE LICENSEE (Or Person Acting as such) Signature 31a. | NAME OF FACILITY 31b. | ADDRESS OF FACILITY 31c.

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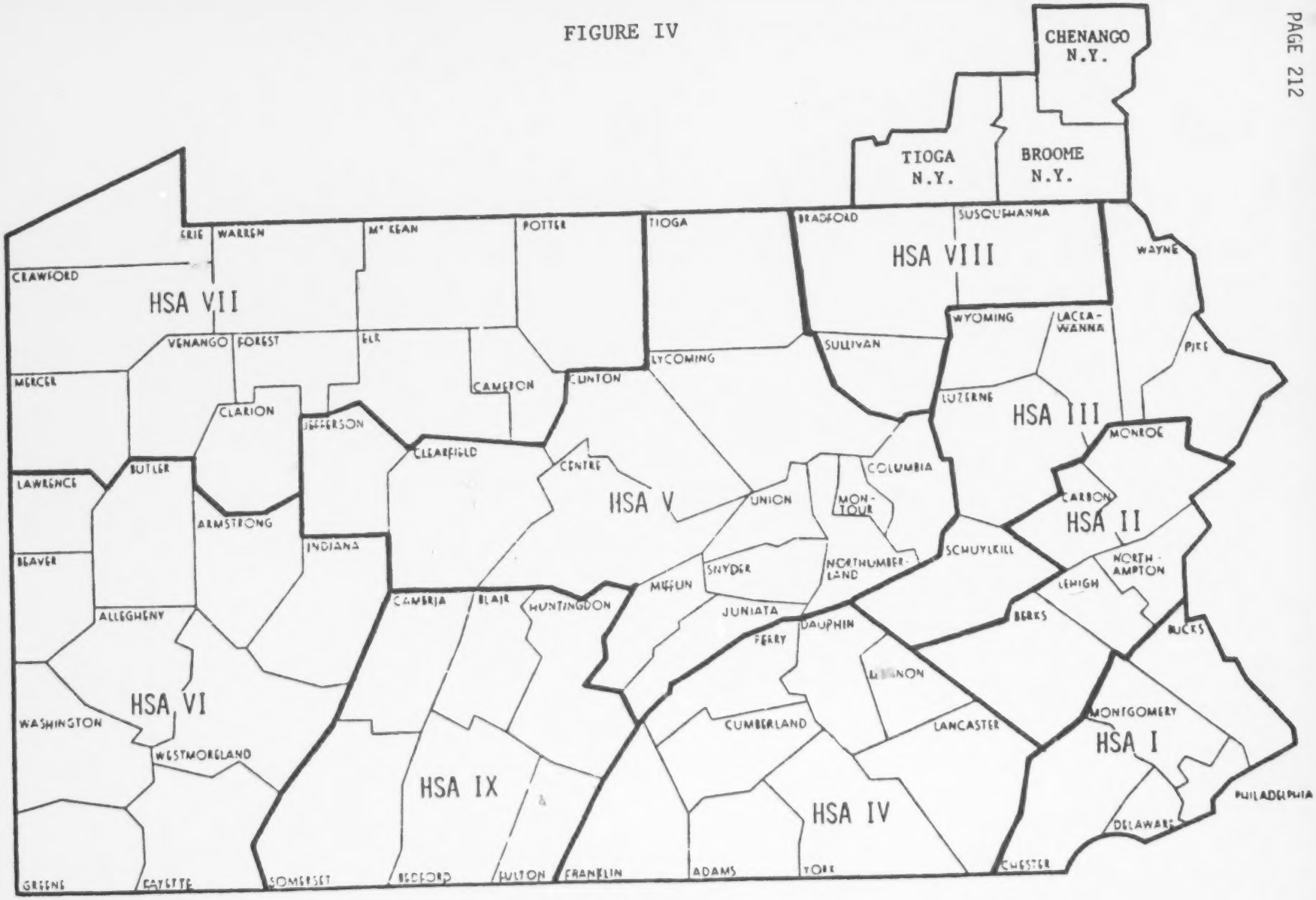
FIGURE IV


CHENANGO N.Y.
TIOGA N.Y.
BROOME N.Y.
ERIE
WARREN
Mc KEAN
POTTER
TIOGA
BRADFORD
SUSQUEHANNA
HSA VIII
WAYNE
CRAWFORD
HSA VII
WYOMING
LACKA-WANNA
VENANGO
FOREST
ELK
SULLIVAN
LYCOMING
PIKE
MERCER
CAMERON
CLINTON
LUZERNE
HSA III
CLARION
JEFFERSON
MONROE
CLEARFIELD
CENTRE
COLUMBIA
LAWRENCE
BUTLER
HSA V
UNION
MON-TOUR
CARBON
HSA II
ARMSTRONG
INDIANA
SCHUYLKILL
BEAVER
SNYDER
NORTHUMBER-LAND
NORTH-AMPTON
MIFFLIN
LEHIGH
CAMBRIA
BLAIR
HUNTINGDON
ALLEGHENY
JUNIATA
BERKS
DAUPHIN
PERRY
BUCKS
LEBANON
HSA VI
WASHINGTON
CUMBERLAND
LANCASTER
MONTGOMERY
HSA I
WESTMORELAND
HSA IX
HSA IV
PHILADELPHIA
DELAWARE
GREENE
FAYETTE
SOMERSET
BEDFORD
FULTON
FRANKLIN
ADAMS
YORK
CHESTER